

Safe Drinking Water Bond Law Program

Draft 2003 Updated Project Priority List

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	B	C	18000	Beaumont-Cherry Valley WD	3310002	001	Add treatment to wells (SWTR).	2001	\$3,000,000
	B	C	5918	Holtville, City of	1310005	003	Annexation of service area. See attached description and water system improvement map (attachments 2 and 3). Attachment 4	1998	\$2,537,948
	B	C	5918	Holtville, City of	1310005	002	Annexation of service area. See attached description and map (attachments 2 and 3).	1999	\$2,805,985
	B	C	5918	Holtville, City of	1310005	005	See attached description (attachments 2).	2002	\$2,079,878
	B	C	4696	TUD - COLUMBIA	5510013	005	CONSTRUCT A WATER MAIN EXTENSION FROM THE COLUMBIA SYSTEM INTO THE SHAWS FLAT COMMUNITY.	2000	\$210,000
	B	C	3710	ACWA Sutter Creek	0310003	001	PROVIDE POTABLE WATER TO AREA. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,200,000
	B	C	3710	ACWA Sutter Creek	0310003	007	Pipe treated water from Amador Water Agency's Mokelumne River source to serve these water consumers. JVID does not want to be a PWS, so AWA has applied for funds to bring acceptable water to the area and become the purveyor in Buena Vista.	2000	\$2,000,000
	B	C	650	LAKE MORENA OAK SHORE MUNICIPAL WATER CO	3700923	001	Replace faulty pipe.	2000	\$150,000
	B	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905	005	Build new well/cistern and add chlorination.	2002	\$100,000
	B	C	400	ROYAL OAK	5700536	001	Connect with City of Davis	1999	\$138,000
	B	C	400	PALO VERDE COUNTY WATER DIST.	1300616	001	Replace existing wells, with two new wells drilled at a better location.	2001	\$100,000
	B	C	356	Princeton Water District	0600013	003	Install chlorination system on two wells.	1999	\$2,000
	B	C	356	Princeton Water District	0600013	004	Drill two new wells for the community water system.	1999	\$60,000
	B	C	308	Golden Pond RV/M Overland	3601011	001	Construct connection to City of Adelanto, replace distribution system	1998	\$164,000
	B	C	300	SIETE ROBLES MUTUAL WATER CO	5601119	001	Construct new well and install filtration treatment for iron and hydrogen sulfide at the new well head. The system has started drilling a new well.	2001	\$500,000
	B	C	250	Coulterville CSA 1	2210901	001	DEVELOP ANOTHER SOURCE AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
	B	C	200	Colusa Co. Service Area #2-Stonyford	0600005	002	Drill new wells, add storage tank, and replace some existing lines.	2001	\$400,000
	B	C	200	Colusa Co. Service Area #2-Stonyford	0600005	001	Undertake a study to determine the source of bacterial contamination of the system's two wells and design and construct the appropriate treatment facilities	2001	\$1,200,000
	B	C	200	Canon Manor Water System	4910022	001	Install distribution grid and connect to existing Canon Manor water system.	2002	\$650,000
	B	C	131	CASSEL PARK MUTUAL WATER CO	4500173	001	Purchase a vacant lot and drill a new well which will meet bacterial MCL. Bacterial contaminated well can then be abandoned.	1998	\$60,000
	B	C	125	FLORISTON PROPERTY OWNER'S ASSO./PRESIDE	2900502	001	Treatment (filtering) facility should be installed. Design and construction involved.	1998	\$100,000

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B	B	C	120	Sky Ranch Water System	5200562	001	Replace present (old) 30,000 gallon tank with 100,000 gallon tank. Install new well with pump for standby. Install hydroneumatic system on pressure tank. Install chlorination system.	1998	\$85,000
	B	C	115	Orland Mobile H.P.	1100445	001	Drill new well and install new electrical and holding tank.	1999	\$15,000
	B	C	100	Artois Community S.D.	1100203	001	Drill a new well.	1998	\$30,000
	B	C	100	Trailer City	4800572	001	Hook-up to City of Vallejo water system.	1998	\$320,000
	B	C	100	SLEEPY VALLEY WATER CO., INC.	1900903	002	Rebab wells, upgrade to minimize flooding, replace reservoir and distribution system.	2000	\$684,000
	B	C	87	WOODRIDGE MUTUAL WATER CO	4500235	002	Drill a replacement well.	2000	\$60,000
	B	C	72	Van Fossen & Mason	4700506	001	Upgrade existing, undersized and deteriorated distribution system so that consolidation can occur with adjacent large public water system.	2002	\$150,000
	B	C	70	MADONNA MUTUAL WATER CO.	5400814	001	Drill a new well. OTHER- Design and Construction	1998	\$300,000
	B	C	70	GOLD RUSH MOBILE HOME PARK	5500128	001	Connect to the Tuolumne Utilities District's Columbia water system.	2001	\$130,000
	B	C	60	FAIRWAY DOWNS MUTUAL WATER CO	5800572	001	Install chlorination system.	1998	\$2,000
	B	C	55	CACHAGUA RD WS #4	2701888	002	Design and construct new well, storage tank and distribution	2001	\$300,000
	B	C	50	LINCOLN CHAN-HOME RANCH	3400137	001	Install new pipes, install new well, and a storage tank.	1998	\$30,000
	B	C	50	Modern Village MWC	5200545	001	Connect to City of Red Bluff water system.	1998	\$100,000
	B	C	45	Whispering Pines Apartments	2210921	001	RECONSTRUCT THE WELL, UPGRADE THE DISTRIBUTION SYSTEM, CONSTRUCT ADDITIONAL STORAGE, AND INSTALL A CHLORINATION SYSTEM.	1998	\$185,000
	B	C	44	SUNRISE MOBILEHOME PARK	4500104	002	Consolidate with the nearest large water system.	2000	\$80,000
	B	C	41	FOREST KNOLLS MUTUAL WATER CO	0400078	001	Installation of two new 30,000 gallon steel tanks above ground or repair existing tank.	2000	\$60,000
	B	C	25	FEATHER RIDGE ESTATES WATER CO	0400081	001	Drill two new wells and replace existing 20,000 gallon storage tank.	1998	\$0
	B	P	1400	DURHAM HIGH SCHOOL	0400066	001	Replacement of well, pressure tank and delivery lines - some additional delivery lines.	1998	\$278,000
	B	P	400	Bundy Canyon	3302019	001	Consolidation, connect to existing adjacent public water system. Dissolve existing water system.	2000	\$115,000
	B	P	300	Wilson Elementary School	4901136	001	Drill new well and install new pumps, storage tanks and delivery hardware.	1998	\$40,000
	B	P	215	EL NIDO ELEMENTARY SCHOOL	2400075	001	Construct a new well.	2003	\$40,000
	B	P	185	SPRING VALLEY SCHOOL	0400065	001	Installation of 1.9 mile pipeline to connect to Del Oro Lime Saddle WD.	1998	\$1,250,000
	B	P	125	OAK RUN ELEMENTARY SCHOOL	4500190	001	Drill a new well.	2000	\$2,500
	B	P	100	YOLO CO AIRPORT	5700714	001	Abandon old well and install a new one.	1998	\$325,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	B	P	100	SID-Peabody	4810026	001	Purchase treatment capacity from the City of Fairfield	1999	\$357,000
	B	P	100	YOLO CO AIRPORT	5700714	002	Construct new well with associated distribution piping	2001	\$450,000
	B	P	90	MULBERRY UNION SCHOOL	1300556	002	Treat water for drinking purposes through construction of filtration mechanism.	2000	\$50,000
	B	P	60	INDIAN SPRINGS SCHOOL	4500162	001	Install a batch system for chlorination and disinfection with point of use filter to meet bacterial MCL. Replace failing distribution system.	1998	\$10,000
	B	P	45	INDIAN DIGGINGS SCHOOL	0900106	001	New water storage tanks. They would like a localized heat tretment or chlorine system. Must be winterized due to cold temps in winter. This is a well system.	2003	\$10,000
	B	P	40	SPENCER VALLEY SCHOOL DISTRICT	3701005	001	Drill new well	2001	\$20,000
	B	P	40	SPENCER VALLEY SCHOOL DISTRICT	3701005	002	Construct new well.	2001	\$70,000
	B	N	75	GRANITEVILLE WATER WORKS	2900510	001	Design and implement conversion of antique system to provide clean water at adequate pressure.	1998	\$260,360
	B	N	36	Trinity Knolls Mutual Water	5301102	001	Install chlorination system. Repair Swift Creek headworks.	1998	\$50,000
	B	N	29	OAK PARK WS	2700999	003	Purchase and install chlorination unit.	2000	\$7,000
	B	X	180	TUD-DITCH CONVEYANCE CONVERSION PRO	0011120	001	INSTALL INDIVIDUAL WATER TREATMENT DEVICES OR WELLS.	1998	\$1,200,000
	B	X	30	TUD-MOUNTAIN BOY RD. DITCH CONVEYAN	0011123	001	CONSTRUCT A WATER SYSTEM WITH A WATER TREATMENT PLANT, STORAGE, AND PIPELINES; OR EXTEND WATER LINES FROM THE BIG HILL WATER SYSTEM TO SERVE THE DITCH CUSTOMERS.	1998	\$132,000
	B	S	0	JOLON RD WS #5	2700939	001	Replace source or tank	2000	\$6,000
	B	S	0	TOPO RANCH WS	2701162	001	Replace tank or source	2000	\$15,000
	B	S	0	RIVER RD WS #9	2701750	001	Replace source or tank	2000	\$6,000
	B	S	0	METZ RD WS #9	2701180	001	Replace source or tank	2000	\$10,000
	B	S	0	CARMEL VALLEY WS #10	2702273	001	Replace source or tank	2000	\$10,000
	C	C	3800000	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067	002	CONSTRUCTING A 32 MGD PUMPING STATION, A 32 MGD FILTRATION PLANT, A 6 MG CLAEARWELL TANK AND ASSOCIATED PIPELINES TO TREAT THE WATER FROM THE LOWER STONE CANYON RESERVOIR BEFORE IT IS DELIVERED TO THE CONSUMER.	1998	111,000,000
	C	C	3800000	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067	003	CONSTRUCTING A 10 MGD FILTRATION PLANT, A 15 MG STORAGE TANK, PIPELINES AND UPSTREAM TRUNK LINE IMPROVEMENTS TO CONNECT THESE NEW FACILITIES TO THE DISTRIBUTION SYSTEM.	1998	\$50,000,000
	C	C	3800000	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067	004	9.7 MGD MICROFILTRATION PLANT AT HOLLYWOOD RESERVOIR	1998	\$17,000,000
	C	C	3800000	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067	005	This project is a component from project 01. It is called Unit 4 Hollywood trunk line. This leaves only Unit 3 Hollywood trunk line as proj. 01. The filtration plant has become project 04 itself.	2001	
	C	C	458000	Eastern Municipal WD	3310009	052	EMWD must develop additional source or potable supply to meet demands and is proposing construction of a SW Filtration Plant to treat raw State Water Project water & reduce demands on CRW.	2004	\$20,000,000

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B	C	C	86260	GOLETA WATER DISRICT	4210004	007	Construct pipeline, booster station, reservoir and surge tank to bring treated water to the Goleta West line.	1998	\$4,000,000
	C	C	85000	El Dorado ID - Main	0910001	008	Cover reservoir with a rigid cover a create a bypass.	1998	\$800,000
	C	C	85000	El Dorado ID - Main	0910001	004	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$800,000
	C	C	85000	El Dorado ID - Main	0910001	005	Evaluation of appropriate reservoir capacity; construct, line, cover and create a bypass.	1998	\$600,000
	C	C	85000	El Dorado ID - Main	0910001	003	Line and cover reservoir with a rigid cover and construct a bypass.	1998	\$2,800,000
	C	C	85000	El Dorado ID - Main	0910001	021	Evaluation of a proper design for double reservoir system; line, cover and create a bypass. Involves design and construction.	1998	\$4,800,000
	C	C	85000	El Dorado ID - Main	0910001	007	Cover reservoir with a rigid cover and create a bypass.	1998	\$600,000
	C	C	85000	El Dorado ID - Main	0910001	020	Evaluation of appropriate reservoir capacity, cover, and create a bypass. Involves design and construction.	1998	\$1,400,000
	C	C	85000	El Dorado ID - Main	0910001	010	(Sac Hill) Evaluation of need to retain reservoir or replace with pump station; design and construct reservoir if necessary.	1998	\$500,000
	C	C	85000	El Dorado ID - Main	0910001	009	(Thomas Hill) Evaluation of the need to retain reservoir; design and construction of reservoir protection if necessary.	1998	\$1,700,000
	C	C	85000	El Dorado ID - Main	0910001	006	(Res 12) Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$3,800,000
	C	C	38700	Carmichael Water District	3410004	001	Construct a 22 MGD SWTR plant using microfiltration. Involves design and construction.	1998	\$20,000,000
	C	C	28334	City of Eureka	1210004	003	Participate in construction of a turbidity reduction/filtration facility	1998	\$3,000,000
	C	C	27067	Placer CWA - Auburn/Bowman	3110005	005	Construct replacement plant to current SWTR and ESWTR standards.	2003	\$7,500,000
	C	C	26723	ATASCADERO MUTUAL WATER CO	4010002	001	Design and construct a new water treatment plant.	2000	\$4,800,000
	C	C	25772	Paradise Irrigation District	0410007	005	Refinance of water treatment plant.	2001	\$12,400,000
	C	C	16400	City of Arcata	1210001	001	Participate in construction of a turbidity reduction/filtration facility	1998	\$2,400,000
	C	C	10017	Healdsburg, City of	4910005	001	Installation of microfiltration treatment facilities at each well field	2001	\$5,000,000
	C	C	10000	North Tahoe PUD - Main	3110001	005	Refinance loan.	1998	\$614,300
	C	C	10000	North Tahoe PUD - Main	3110001	009	Install underground piping and booster station. Involves design and construction.	1998	\$186,000
	C	C	10000	North Tahoe PUD - Main	3110001	010	Install a one million gallon covered reservoir. Involves design and construction.	1999	\$569,000
	C	C	10000	North Tahoe PUD - Main	3110001	011	Construct well, 500 and 1000 gpm. Involves design and construction.	1999	\$400,000
	C	C	10000	North Tahoe PUD - Main	3110001	013	Increase the Ozone CT valves and equipment specification to address crypto inactivation and construct a facility to meet SWTR avoidance criteria. Involves design and construction.	2000	\$3,050,000
	C	C	9920	Nevada ID - Loma Rica	2910006	011	Construct pipelines to provide treated water service	2001	\$950,000
	C	C	9920	Nevada ID - Loma Rica	2910006	014	Construct pipelines to provide treated water service	2001	\$215,000
	C	C	9920	Nevada ID - Loma Rica	2910006	019	Construct pipelines to provide treated water service	2001	\$230,000
	C	C	9920	Nevada ID - Loma Rica	2910006	013	Construct pipelines to provide treated water service	2001	\$740,000

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B	C	C	9920	Nevada ID - Loma Rica	2910006	015	Construct pipeline and pressure reducing station to provide treated water service	2001	\$1,400,000
	C	C	9920	Nevada ID - Loma Rica	2910006	016	Construct pipelines to provide water service	2001	\$431,000
	C	C	9920	Nevada ID - Loma Rica	2910006	018	Construct pipeline and pressure reducing station to provide treated water service	2001	\$430,000
	C	C	9920	Nevada ID - Loma Rica	2910006	020	Construct pipeline to provide treated water serviced	2001	\$920,000
	C	C	9920	Nevada ID - Loma Rica	2910006	021	Construct pipelines to provide treated water service	2001	\$170,000
	C	C	9920	Nevada ID - Loma Rica	2910006	012	Construct pipeline and hydropneumatic station to provide treated water service	2001	\$1,900,000
	C	C	9920	Nevada ID - Loma Rica	2910006	017	Construct pipelines and pressure reducing station to provide treated water service	2001	\$1,100,000
	C	C	8800	Nevada ID - E. George, Banner Mountain	2910004	006	Construct pipeline and pressure-reducing station to provide treated water service	2001	\$2,400,000
	C	C	8800	Nevada ID - E. George, Banner Mountain	2910004	005	Construct pipeline and pressure reducing station to provide treated water service	2001	\$700,000
	C	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020	003	Provide filtration and disinfection treatment which complies with the SWTR or provide additional piping to utilize the well as an agricultural only source.	1998	\$750,000
	C	C	5383	SOLVANG WATER DEPARTMENT	4210013	001	Install 1.85 MGD fitlration and disinfection TP to comply with the SWTR.	1999	\$1,980,300
	C	C	4740	Nevada ID - North Auburn	3110026	005	Provide treated water	2001	\$450,000
	C	C	4740	Nevada ID - North Auburn	3110026	007	Construct pipelines to provide treated water service	2001	\$220,000
	C	C	4740	Nevada ID - North Auburn	3110026	008	Construct pipeline and pressure reducing station to provide treated water service	2001	\$1,500,000
	C	C	4740	Nevada ID - North Auburn	3110026	009	Construct pipelines to provide treated water service	2001	\$1,100,000
	C	C	4740	Nevada ID - North Auburn	3110026	006	Construct pipeline and pressure reducing station to provide treated water service	2001	\$4,400,000
	C	C	4740	Nevada ID - North Auburn	3110026	010	Construct pipelines to provide treated water service	2001	\$152,000
	C	C	4740	Nevada ID - North Auburn	3110026	004	Construct pipelines to provide treated water service	2001	\$450,000
	C	C	2650	Centerville C.S.D.	4510011	002	Extend existing system to serve affected area	2001	\$1,049,900
	C	C	2500	Tahoe Park Water Company	3110018	001	Install filters. Involves design and construction.	1998	\$1,000,000
	C	C	2000	Agate Bay Water Company	3110012	001	Install filter system or drill well to circumvent surface water requirement.	1998	\$450,000
	C	C	1600	North Tahoe PUD - Dollar Cove	3110036	002	Refinance loan.	1998	\$100,200
	C	C	1600	North Tahoe PUD - Dollar Cove	3110036	001	Install disinfection equipment. Involves design and construction.	1999	\$575,000
	C	C	1500	Stinson Beach County Wtr Dist	2110004	004	Increase source capacity with new well.	1999	\$65,000
	C	C	1437	City of Blue Lake	1210002	001	Participate in construction of a turbidity reduction/filtration facility	1998	\$400,000
	C	C	1200	SLO CWWD NO. 6 - SANTA MARGARITA	4010024	001	Locate and identify a new groundwater source, purchase right of way, design & construct well and new transmission line.	1998	\$500,000
	C	C	1200	SLO CWWD NO. 6 - SANTA MARGARITA	4010024	002	Locate and/or develop a new source of supply. May include purchase of right of way, design and construction work.	2002	\$3,000,000
	C	C	1100	Manila Community Services Dist.	1210017	001	Participate in constructio of a turbidity reduction/filtration facility	1998	\$100,000
	C	C	1000	Lake Forest Utility Company, Inc.	3110032	001	Install filters. Involves design and construction.	1998	\$350,000
	C	C	1000	Tahoe Swiss Village Utility	3110042	001	Build a filter plant.	1998	\$390,000

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B	C	C	1000	Tahoe Swiss Village Utility	3110042	002	Build a 300,000 to 500,000 gallon storage tank.	1998	\$300,000
	C	C	795	Nevada ID - Snow Mountain	2910027	005	Construct pipelines to provide treated water service	2001	\$396,000
	C	C	795	Nevada ID - Snow Mountain	2910027	003	Construct hydropneumatic pump station and pipeline to provide treated water	2001	\$810,000
	C	C	795	Nevada ID - Snow Mountain	2910027	004	Construct booster pump station, storage tank and pipelines to provide treated water service	2001	\$4,500,000
	C	C	574	Gasquet C.S.D.	0800555	009	Build additional filtration, storage, and distribution line capacity.	1999	\$486,500
	C	C	555	CARMEL RIVIERA MWC	2701254	002	Filter plant has been rebuilt after clean-up and salvage of damaged system.	2000	\$150,000
	C	C	500	Big Rock C.S.D.	0800532	002	Design and installation of a filtering system at the chlorination building.	1998	\$45,000
	C	C	495	Lakeside Park Association	0910019	001	LPA is seeking grant monies for all or part of the loan. Amortization of the loan will be very burdensome.	1998	\$2,874,160
	C	C	431	SKYLONDA MUTUAL	4100533	002	Drill a new well.	2001	\$17,000
	C	C	400	LSID - Tonyville	5410007	002	Connection to City of Lindsay	2002	\$200,000
	C	C	372	Lake County CSA 7 - Bonanza Springs	1700544	001	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$50,000
	C	C	350	Village of Rovana	1400006	001	Refinance	1998	\$571,325
	C	C	310	Lake County CSA 18 - Starview	1700574	001	Install filtration system. Rehabilitate distribution system.	1998	\$1,000,000
	C	C	300	Mineral City Water System, Inc.	5200503	002	Construct surface water treatment plant, replace raw water pipeline to site, replace existing redwood storage tank.	2001	\$950,000
	C	C	300	LAS CUMBRES MUTUAL WATER CO	4400631	001	Design/construct appropriate SW treatment system	2002	\$700,000
	C	C	215	Alderpoint County Water	1200501	001	Design and construct filtration and disinfection facilities to meet SWTR.	2000	\$300,000
	C	C	186	COUNTY SERVICE AREA 7	4100509	001	Design and construct a new diversion structure on La Honda Creek. Lay new piping (3") along Pescadero Creek Road to Alpine Creek Bridge. Will require an intake pump and installation.	1999	\$400,000
	C	C	177	ROLLING HILLS RANCHO WA	2700713	001	Drill 2 new wells, install two 30,000 gallon tanks, and construct filter system.	1998	\$235,000
	C	C	161	Trinity Village Water Co.	5304102	001	Filters for Trinity River source and storage for contact time.	2004	\$150,000
	C	C	150	Tahoe Park Water Co - Skyland/Neilson	3110049	001	Install filters. Involves design and construction.	1998	\$200,000
	C	C	150	Riverview Acres Water System	5304501	001	Design and install a filter system. Install transmission main to increase chlorine contact time.	1998	\$38,000
	C	C	150	Riverview Acres Water System	5304501	002	Consolidate and upgrade 6 systems per alternative #11 on PP 22 of attached study	2001	\$2,000,000
	C	C	150	Jackson Valley Irrigation District	0310022	001	Pump good quality Mokelumne River water to a reservoir, which will be constructed along with treatment plant and associated distribution system.	2002	\$2,000,000
	C	C	135	Idylwild Water System	4300520	001	install filtration system	2000	\$125,000
	C	C	130	ARROYO CENTER WC	2701658	003	Add filtration to the system/Install filtration unit	2000	\$70,000
	C	C	129	COASTLANDS MUT-POST CREEK	2701279	001	Install SWT system.	1998	\$100,000

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B	C	C	125	SAN DIMAS CANYON IMPROVMENT ASSOCIATION	1900064	001	Conduct Sanitary Survey and GWUDI study to study treatment solutions	2000	\$15,000
	C	C	125	SAN DIMAS CANYON IMPROVMENT ASSOCIATION	1900064	002	Drill and equip new well, or install filtration/disinfection on existing source.	2000	\$80,000
	C	C	123	CLEAR RIDGE WA	2701898	001	Install water filtration and disinfection system. Also, need new, larger pipes & valves and storage tanks. Or--drill new well to avoid SWTR.	1998	\$100,000
	C	C	119	Lake County CSA 22 - Mt. Hannah	1700563	001	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$1,000,000
	C	C	115	Darwin CSD	1400098	002	Construct SWTP	1998	\$300,000
	C	C	100	Taylorsville	3205004	001	Create new water system.	1998	\$50,000
	C	C	100	Taylorsville	3205004	002	Create new system	1998	\$850,000
	C	C	100	PALM VILLA MOBILE HOME PARK	1300558	001	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	1998	\$65,000
	C	C	100	Lewiston Valley Water Co., Inc.	5301002	001	Construct new filter system. Replace transmission main. Add new storage tank.	1998	\$75,000
	C	C	100	Noel Heights - Cal Water Service	4900785	001	filtration plant	2003	\$300,000
	C	C	69	LAUREL COMMUNITY LEAGUE	4400528	001	Install approved surface water treatment and disinfection on both sources.	2002	\$120,000
	C	C	65	Harmony Hills Water System	3500503	001	Drill new wells.	1998	\$200,000
	C	C	60	Carmet Water Company	4900578	001	Construct slow sand filter and drill additional side hill wells.	1998	\$52,000
	C	C	50	Palomino Estates M.W.C.	1206002	001	Installation of Yardney MM 4860-1A Filter System.	1998	\$37,000
	C	C	48	RANCHO CHAPPERAL MWC	2701278	002	Conduct study to determine best solution and implement chosen alternative, e.g. drill well, design/construct filtration treatment system.	2000	\$100,000
	C	C	45	Sunrise Shore Mutual Water Company	1700536	001	Install conventional filtration. Replace distribution system.	2000	\$150,000
	C	C	41	BRANDON CREEK MUT	2701731	001	Install filtration system.	1998	\$100,000
	C	C	38	Greenhaven Homeowner's W.A.	3200195	001	Drill deeper well and increase storage capacity.	1998	\$15,000
	C	C	38	ROSARIO PARK WATER SYSTEM	4200579	001	Install a filtration and disinfection treatment system which complies with the SWTR.	1998	\$25,000
	C	C	38	ROSARIO PARK WATER SYSTEM	4200579	002	Construct a deep well to replace existing non compliance spring. Replace distribution system	2003	\$250,000
	C	C	36	CHEROKEE ACRES MHP WS	2700970	001	Install a filtration/disinfection facility	2001	\$150,000
	C	C	35	NICKELL'S MOBILE HOME PARK	1300557	001	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	1998	\$45,000
	C	C	35	Pine Grove Water System	1700526	001	Hire hydrologist and spring developer to encase and enhance spring. Put liners in tanks. Rebuild distribution system.	1998	\$100,000
	C	C	29	River Oaks Resort	5301005	001	Drill a new well source away from river. Reline the concrete storage tank. Replace water mains and install new booster pump.	1998	\$50,000
	C	C	25	SIERRA EAST MOBILE HOME PARK	2600622	001	Drill new deep vertical well	1998	\$25,000
	C	P	11000	BUTTE COMMUNITY COLLEGE	0400070	001	New Well	2004	\$150,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	C	P	275	CAMPS SCOTT & SCUDDER	1900011	001	CONNECT OLD SYSTEM TO ADJACENT MUNICIPAL WATER SYSTEM	1998	\$210,000
	C	P	95	CAPTAIN COOPER SCHOOL	2702322	001	Replace well. Install filtration unit.	1998	\$200,000
	C	P	60	Courthouse Annex Facility	3200112	001	Replace storage tank, spring box, and associated lines. Install treatment and filtration system.	2000	\$60,000
	C	P	45	Whale Gulch Elementary School	2300847	001	Develop a spring that will qualify as a groundwater source.	2002	\$50,000
	C	N	500	Inyo County Parks & Rec - Millpond Campg	1400047	001	Conduct study to determine GWUDI status, construct new well and tank	1998	\$19,500
	C	N	400	Camp Yolijsa	3600757	001	construct new well	1998	\$15,000
	C	N	220	Cuyamaca SP - Paso Picacho	3710311	001	Drill a new well away from stream bed.	2003	\$15,000
	C	N	200	Camp Arbolado	3600530	001	Construct SWTP and replace mainline in distribution system	1998	\$268,525
	C	N	25	Ruth Lake Marina	5305003	001	Relocate well sources above projected maximum flood level. Extend system to incorporate nearby individual residence systems.	1998	\$20,000
	C	N	25	BIG BEND WATER USERS ASSOC.	3100034	001	Redevelop and restore the structural integrity of surface water sources (springs) to assure water quality and safety- including installation of treatment sytem(s) and procedures. In lieu of this, locate and develop a substitute groundwater source, install	2002	\$100,000
	C	N	25	Camp Mendocino	2300839	001	Install approved treatment of approved alternative.	2003	\$100,000
	C	N	2	Big Bend Resort Corp	3600376	001	Construct new SWTP	1998	\$300,000
	C	X	25	Fresno CSA 43-Raisin City	1000551	001	Create a public water system to serve an area presently on private wells experiencing multiple contamination (total and fecal coliform, nitrate, DBCP and uranium). Project to include source, distribution and storage.	2002	\$1,000,000
	C	S	0	ARROYO SECO WS #15	2702422	001	Install filtration/disinfection unit	2000	\$15,000
	D	C	1223400	San Diego - City of	3710020	056	Construct a new water pump station with five 5-mgd pumps. Total pump station capacity will be 20-mgd. The pump plant will pump water from the Alvarado Zone to the Northwest Mesa Zone.	2005	\$5,426,000
	D	C	150000	POMONA- CITY, WATER DEPT.	1910126	005	CONSTRUCTED A 3.5 MG RESERVOIR	1998	\$2,202,000
	D	C	150000	POMONA- CITY, WATER DEPT.	1910126	006	PILOT STUDY OF FILTRATION MEHOD WAS RUN AND MODIFICATIONS ARE NEARLY COMPLETED BASED ON FINDINGS OF THE STUDY	1998	\$3,850,000
	D	C	103616	AZUSA LIGHT AND WATER	1910007	003	Constructed new pump station and 4MG reservoir to meet contact time for CT calculations.	1998	\$4,000,000
	D	C	103616	AZUSA LIGHT AND WATER	1910007	002	Upgraded Filter #1 and Filter #2: increased media depth, provided provision filter to waste and continuous turbidity monitoring, installed control panel.	1998	\$450,000
	D	C	51226	Arcade WD - Town & Country	3410001	005	Install a 10 mgd water treatment plant. Involves design and construction.	1998	\$10,500,000
	D	C	13500	Bella Vista Water District	4510014	006	Improve system to meet CT disinfection regulation; filter rate of flow controllers; filter to waste and recycle basin; add two new filters; coagulant addition; and variable speed pump.	1999	\$2,280,000
	D	C	12320	CASITAS MUNICIPAL WATER DIST	5610024	002	Construct a 170,000 gallon backwash storage tank and install a VFD pump (1000 gpm) at Avenue No. 1 pump plant.	1998	\$300,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	D	C	8500	Georgetown Divide PUD	0910013	001	Empty filters, the underdrains and surface washers need to be removed and replaced and new flow meters added. Involves design and construction.	1998	\$80,000
	D	C	7500	Thermalito I.D.	0410008	002	Purchase and install clarifier to direct filtration plant.	1998	\$800,000
	D	C	4840	Nevada ID - Lake of Pines	2910014	001	Add surface wash, add filter, and replace redwood clearwell tank.	2001	\$440,000
	D	C	4300	Union Public Utility District	0510001	001	CONSTRUCT 1MG, BAFFLED CLEARWELL OTHER = DESIGN AND CONSTRUCTION	1998	\$538,970
	D	C	3200	Meadow Vista County Water Dist	3110009	003	Install 2mgd package plant to operate in parallel, but independent of existing facilities.	1998	\$680,000
	D	C	2988	Heber Public Utility District	1310007	001	Build new treatment plant	1998	\$3,800,000
	D	C	2660	Sierra Lakes County Water Dist	3110017	003	Install welded steel tank with capacity of 550,000 gallons at cost of \$465,000.	2000	\$465,000
	D	C	2588	Kelseyville Co Waterworks District 3	1710007	001	Install filtration system an/or connect to Soda Bay water system. Replace Valley Vista Tanks.	1998	\$1,000,000
	D	C	2480	AWA, Pioneer I.D. #1	0310010	002	Design and construct 3.0 MGD membrane water treatment plant and upgrade existing raw water pump stations.	2002	\$1,112,564
	D	C	2100	Bidwell Water Company, Inc.	3210001	001	Add additional filter. Replace a portion of the distribution system.	1998	\$250,000
	D	C	2100	Bidwell Water Company, Inc.	3210001	003	Install control equipment to improve treatment plant, reservoir coating, etc.	1998	\$70,000
	D	C	2000	Christian Valley Park CSD	3110034	001	Install one new filter. Involves design and construction.	1998	\$200,000
	D	C	1970	Lucerne Water Co. - Cal Water Service	1710005	002	Installation of membrane filters to replace old dual media filters along with automatic control and necessary instrumentation.	2003	\$1,200,000
	D	C	1576	Willow Creek C.S.D.	1210015	001	See attachment	2003	\$1,500,000
	D	C	1400	Garberville Water Co.	1210008	002	Install an additional filtration cell or clarifier unit	2001	\$135,000
	D	C	1000	Chiriaco Summit Water Dist.	3301115	001	The new project will include a 300,000 gallon storage reservoir, plus a new pipe system from the canal to the reservoir which will split water into potable and non potable for use at the Chiriaco site. All new plastic piping will be included as well	1998	\$385,000
	D	C	1000	HAVASU WC	3610017	001	Construct 100,000 gallon clearwell	2002	\$100,000
	D	C	832	Lake County CSA 2 - Spring Valley	1710018	002	Construct 2 more slow sand filters and 100,000 gals additional storage for shut-down times.	1998	\$1,000,000
	D	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	009	New treatment room constructed in Senior Canyon further upstream.	1998	\$9,000
	D	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	001	Install an additional dual media filter	1998	\$78,775
	D	C	795	Nevada ID - Snow Mountain	2910027	001	Consolidate Snow Mountain system with Banner system by constructing a pump station and transmission pipelines. Involves design and construction.	1999	\$1,200,000
	D	C	647	AWA, Ranch House Estates I.D. #2	0310014	001	Design and construct 3.0 MGD membrane water treatment plant and upgrade existing raw water pump stations.	2002	\$417,659
	D	C	555	CARMEL RIVIERA MWC	2701254	003	Temporary lines were replaced with proper sized lines, providing adequate contact time.	2000	\$165,000
	D	C	500	Napa County Public Works-NBRID	2810013	001	Construct new treatment plant filter, Reconfigure piping at clearwell to increase chlorine contact time.	1998	\$2,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	D	C	500	Pleasure Cove Resort	2810011	001	new surface water treatment plant	2000	\$150,000
	D	C	454	El Dorado ID - Outingdale	0910018	001	consolidate with EIA Main system; 5 miles of 10 inch water main	2003	\$5,500,000
	D	C	450	WASHINGTON WATER DISTRICT	2900523	002	Construct detention storage or alternative disinfection system.	1998	\$190,000
	D	C	450	Lewiston Park MWC	5301003	001	Construct new filtration facilities and/or develop new groundwater sources. Add emergency standby generator capability.	2000	\$100,000
	D	C	429	SANTA CRUZ COUNTY SANITATION	4400571	002	Install new pump, filters, and clarifier.	2000	\$150,000
	D	C	429	SANTA CRUZ COUNTY SANITATION	4400571	004	Install a new filter plant and improve intakes	2001	\$500,000
	D	C	350	VILLA DEL MONTE MWC	4400595	002	Evaluate alternatives and design and construct improvements to bring system into compliance. Design and construct cover for reservoir to prevent algae growth.	2002	\$300,000
	D	C	336	SHADY GLEN COMM WATER SYSTEM	3100040	001	Enlarge filtration and improve disinfection process, increase storage for chlorine contact time and during surface water interruptions.	1998	\$80,000
	D	C	310	Donner Summit Public Utility D	2910016	001	Install a second filtration and disinfection system.	1998	\$50,000
	D	C	300	Northstar C.S.D.	3110028	002	Construct coagulation and sedimentation complete with alarms.	1998	\$900,000
	D	C	300	Elk Creek Community S.D.	1100616	001	Installation of new surface water treatment plant and miscellaneous appurtenances.	1998	\$383,525
	D	C	250	KYBURZ MUTUAL WATER SYSTEM	0900300	001	New storage tank and deep cased well/pump.	1998	\$125,000
	D	C	250	Sonoma County CSA 41-Jenner	4900532	001	Install a raw water or decant tank ahead of treatment plant.	1998	\$20,000
	D	C	218	TUD - MONTE GRANDE	5510030	001	CONSOLIDATE WITH TUD'S WILLOW SPRINGS SYSTEM VIA PIPELINE/PUMP STATION.	2000	\$476,000
	D	C	215	BIG REDWOOD PARK WATER	4400526	001	Design and construct a filtration and treatment system consisting of a new 5,000 gallon storage tank and appropriate filters and pumps.	2001	\$50,000
	D	C	215	Alderpoint County Water	1200501	002	Design and construct filtration and disinfection facilities to meet SWTR and construct new storage tank, repair existing storage tank and replace several pressure relief valves.	2003	\$500,000
	D	C	200	Occidental Community Services District	4900536	001	Conduct public meeting to develop environmental & feasibility plans - contract for delivery of water from an adjacent water system or source. This procedure may include a joint powers agreement for a single management & operation district.	1998	\$1,500,000
	D	C	200	IMPROVEMENT DIST #1	5400968	001	New source or improve treatment of riverwell; storage tank and replace old main lines. OTHER - Design and Construction	1998	\$700,000
	D	C	178	SUMMIT MUTUAL WATER COMPANY	4400559	001	Improve or replace filter plant, transmission line, control systems etc.	2001	\$25,000
	D	C	168	OLYMPIA MUTUAL WATER COMPANY	4400581	001	surface water treatment system, and redevelopment of springs to limit exposure to contamination and optimize supply	2002	\$50,000
	D	C	152	ALPINE MEADOWS PROPERTY OWNERS ASSOC.	3100041	001	Install 6" water line from plant to storage tank; install water meters and replace distribution system. Involves design and construction.	2002	\$370,000
	D	C	150	Cache Creek Mobile Home Park	1700581	001	Construct approved surface water treatment plant	2000	\$80,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	D	C	140	Napa County Public Works-LBRID	2800526	001	Replace existing filter with new one. Install additional plant equipment. Replace galvanized steel piping in distribution system.	1998	\$2,000,000
	D	C	135	SID-Pleasant Hills Ranch	4810025	001	Install central treatment..	2000	\$375,000
	D	C	129	COASTLANDS MUT-POST CREEK	2701279	002	Install 150,000 gallon tank	2002	\$150,000
	D	C	125	HAT CREEK WATER COMPANY	4500022	001	Replace existing substandard filtration system and add an additional chlorine contact tank with enclosure building to meet the SWTR regulations.	1998	\$28,500
	D	C	123	CLEAR RIDGE WA	2701898	002	Install surface water filtration system	2003	\$150,000
	D	C	120	California Water Co. - Coast Springs	2110007	003	Drill new deep well 1,000 ft.	1998	\$110,000
	D	C	120	California Water Co. - Coast Springs	2110007	002	Construct a new treatment plant.	1998	\$76,000
	D	C	120	WEST MAIN MUTUAL WATER CO	1300530	001	We propose to connect to City water system (El Centro).	1998	\$250,000
	D	C	108	LOMA MAR MUTUAL	4100512	002	Rebuild sedimentation tank	1998	\$45,000
	D	C	100	O'NEILL FEEDING COMPANY	1009026	001	INSTALL PRESSURE CLARIFIER ON SYSTEM, ADD TWO NEW 42" DIAMETER DUAL MEDIA PRESSURE FILTERS. INSTALL NEW PRESSURE TANK AND TWO NEW 20,000 GAL. GALVANIZED STORAGE TANKS. PREPARE DISTRIBUTION SYSTEM OPERATIONS PLAN. OTHER - DESIGN AND CONSTRUCTION.	1998	\$500,000
	D	C	100	Redcrest Water Works	1200544	001	Improvement/enhancement?Modification of existing slow sand filtration system to achieve compliance with turbidity rule.	2004	\$75,000
	D	C	90	Rancho Del Paradiso - Cal Water Service	4900514	001	Install approve filtration system, replace existing 5,000 gal tank with 10,500 gal concrete tank and new transmission lines.	1999	\$158,500
	D	C	90	Rancho Del Paradiso - Cal Water Service	4900514	002	Treatment Plant	2003	\$300,000
	D	C	85	KNIGHTS FERRY COMM. SVC. DIST.	5000008	001	CONSTRUCT LARGER CLEARWELL. UPGRADE SURFACE WATER TREATMENT PLANT AS NECESSARY	1998	\$300,000
	D	C	83	BRACKENBRAE COUNTRY CLUB	4400604	001	Construct treatment plant. Technology to be determined by outcome of separate study.	2000	\$55,000
	D	C	82	SID-Blue Ridge Oaks	4810024	001	Purchase water treatment capacity from City of Fairfield.	2000	\$375,000
	D	C	75	Tennant C.S.D.	4700531	001	Add coagulant feed facilities or construct slow sand filters.	1998	\$50,000
	D	C	75	NO. KAWEAH MUTUAL WATER CO.	5400506	001	Install approved alternative technology filtration system	2001	\$25,000
	D	C	70	Westport County Water District	2300730	001	Reconstruct infiltration gallery. Add new contact vessel to plant to change it to direct filtration treatment system. Install new disinfection system to ensure compliance with swtr.	1998	\$250,000
	D	C	70	Callahan Water District	4700503	001	Add storage or replumb to increase contact time for disinfection. Review condition of components of filter plant and repair or replace defective components to ensure proper filtration.	1998	\$250,000
	D	C	70	VALLEY MOBILE PARK	1300572	001	Construct a new surface water treatment plant.	2000	\$100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	D	C	70	Briceland C.S.D.	1200587	001	Design and Construct source protection. Optimize slow sand filter media construct settling basin an filter and storage capacity	2001	\$200,000
	D	C	55	Sonoma County CSA 41-Freestone	4900549	002	Drill a new well and use it as primary, sole source. Use spring as standby source.	1998	\$10,000
	D	C	40	Whispering Pines Retire Home (LSWS)	3500810	001	Install arsenic removal treatment on well owned by system as alternative to installation of approved surface water treatment	2002	\$50,000
	D	C	35	Big River Vista Mutual Water Company	2300596	001	Drilled well in 1996.	1998	\$28,000
	D	C	30	Seawood Estates Mutual Water	1200588	001	Consolidate systems and upgrade treatment to meet SWTR.	1998	\$196,000
	D	C	29	Kimtu Meadows MWC	1200517	001	Identify what kind of system would work and implement.	2000	\$100,000
	D	C	18	Crescent Bay Improvement Company	1700519	001	Improvements to existing treatment facility	2001	\$50,000
	D	C	0	THREE VALLEYS MWD	1910041	003	INSTALL A STORM DRAIN SYSTEM TO CARRY STORM WATER OFF OF PROPERTY.	1998	\$1,000,000
	D	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045	001	ADD ONE 9 MG CLEARWATER RESERVOIR FOR A TOTAL OF 18 MG STORAGE AT A 65 MGD WATER TREATMENT PLANT	2000	\$1,800,000
	D	P	515	MC CABE UNION SCHOOL	1300579	001	Construct a new water treatment facility.	2000	\$45,000
	D	P	100	Fort Ross School District	4900679	001	Hook into a community water system which is properly maintained, has sufficient water and has a management system.	2000	\$20,000
	D	P	60	Casterlin School	1200546	001	Install new water treatment system on well source and disconnect surface water source.	1998	\$100,000
	D	P	49	Mattole Triple Junction High School	1206008	001	Installation of monitoring equipment immediately so data may be collected, once a solution is determined, would start construcion spring of 2003.	2003	\$125,000
	D	N	200	CSP-Wrights Beach State Park	4910308	001	Locate and construct new water source well and distribution system.	1999	\$100,000
	D	N	50	Caltrans-Collier Tunnel RS	0800661	001	New pressure filter - 10 GPM	1998	\$35,000
	D	N	50	Ruth Lake Recreation Area	5305004	001	Relocate well source above maximum flood line. Consolidate individual systems.	1998	\$25,000
	D	N	25	Bud Fine MWC	5301010	001	Upgrade filter system, replace storage tank, and replace deteriorated mains.	1998	\$100,000
	D	N	25	Azalea Glen	1200704	001	Install a well and construct a closed system.	1998	\$28,250
	D	N	25	CAMP LOMA MAR	4100529	001	Add 4500 gallon storage tank, expand sand filter	1999	\$50,000
	D	X	500	Sereno Del Mar/Carmet/Salmon Creek	0003046	001	Construct 2.8 miles of water main to connect all 3 public water systems into the existing gravity storage at Sereno Del Mar and Carmet. Use Salmon Creek source as primary supply.	1999	\$300,000
	F	C	438000	FRESNO, CITY OF	1010007	010	Install nitrate removal treatment systems.	2003	\$3,800,000
	F	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	010	Construct nitrate removal facility	2002	\$5,000,000
	F	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009	002	Construct nitrate removal treatment facility and carbon filtration system for PCE removal	2000	\$1,000,000
	F	C	27000	CAMROSA WATER DISTRICT	5610063	001	Provide electrodialysis reversal treatment of groundwater with denitrification of resulting brine.	1998	\$2,800,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	F	C	25000	City of Hollister	3510001	012	Construct membrane filtration plant to treat water from a surface source. Blend treated surface water with well water to reduce nitrate concentration in water delivered to distribution system.	2000	\$6,500,000
	F	C	22800	Rubidoux Community SD	3310044	004	Installation of treatment.	1999	\$1,100,000
	F	C	12762	GROVER BEACH WATER DEPARTMENT	4010004	004	Repair/replace mechanical and central system components	1998	\$300,000
	F	C	12762	GROVER BEACH WATER DEPARTMENT	4010004	002	Replace computer and software monitoring and control system	1998	\$20,000
	F	C	12762	GROVER BEACH WATER DEPARTMENT	4010004	003	Sandblast/remove damaged paint and corrosion, then apply new coating system	1998	\$35,000
	F	C	12762	GROVER BEACH WATER DEPARTMENT	4010004	005	Replace unit with new Chemscan UV-3100 and process analyzer	1998	\$30,000
	F	C	10726	City of Greenfield	2710008	001	Install a water main to this property to hook up residences to City water.	1998	\$250,000
	F	C	10726	City of Greenfield	2710008	002	Install a water main to this property to hook up residences to City water.	1998	\$120,000
	F	C	10500	Riverview WD	3710030	010	Nitrate treatment.	2002	\$2,000,000
	F	C	8208	City of Soledad	2710011	001	Replace private wells with connection to municipal water.	1998	\$220,000
	F	C	8208	City of Soledad	2710011	002	Replace private wells with connection to municipal water.	1998	\$200,000
	F	C	5500	VALENCIA HEIGHTS WATER CO.	1910163	002	Install nitrate removal facility.	2004	\$1,000,000
	F	C	5497	Orosi Public Utility District	5410008	004	Replace small diameter mains with minimum 8-inch diameter mains in the areas affected	2002	\$625,000
	F	C	4000	Cutler PUD	5410001	001	INSTALL NEW WELL, BLENDING TANK, AND APPURTENANT FACILITIES to replace high nitrate and DBPC wells. - DESIGN AND CONSTRUCTION.	1999	\$1,390,000
	F	C	2895	Yuba City Groundwater-Region 5	5110005	001	Add nitrate removal treatment to existing wells. Construct two new wells and pipeline appurtenances.	1998	\$2,663,900
	F	C	2195	City of San Juan Bautista	3510002	001	install filtration plant for surface water supply.	2000	\$500,000
	F	C	1600	Pratt Mutual Water Co	5410033	003	Drill new well	2001	\$250,000
	F	C	1100	CHUALAR WD CSA #75	2701202	001	Locate a remote well site and drill and install a new well head and system.	1998	\$900,000
	F	C	1100	CHUALAR WD CSA #75	2701202	002	Rehabilitation/relining community source water supply well; new well or treatment if necessary	2000	\$250,000
	F	C	1000	Plainview Mutual Water Company	5410039	001	DRILL NEW WELL, INSTALL ADEQUATE STORAGE, REPLACE WATER DISTRIBUTION SYSTEM. OTHER-DESIGN, CONSTRUCTION, TEST WELL	1998	\$500,000
	F	C	667	City of Modesto, DE Grayson	5010033	001	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE. PIPE THE WATER TO GRAYSON AND WESTLEY, THE OTHER COMMUNITY IN AREA WITH WATER QUALITY PROBLEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$4,100,000
	F	C	500	PAJARO/SUNNY MESA WD	2700773	001	New water system would provide reliable, potable water for all residents. It would eliminate the older, shallow wells and possibly avoid the nitrate problem.	1998	\$1,350,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	F	C	438	VEGA RD MWS #1	2700787	002	Drill and equip a new well.	2000	\$225,000
	F	C	350	WATERTEK - GRANDVIEW GARDENS WATER	5400666	001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	F	C	320	Vista Grande Water System	5200012	001	Construct new well.	1998	\$20,000
	F	C	300	TEVISTON C.S.D.	5400641	001	REPLACE DETERIORATED AND UNDERSIZED PIPES	1998	\$130,000
	F	C	300	TOOLEVILLE WATER CO	5400567	001	Drill a new well or connect to City of Exeter	2002	\$250,000
	F	C	250	FAIRWAYS TRACT MUTUAL	5400663	001	INSTALL NITRATE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	F	C	250	RANCHO SAN ANDREAS	4400660	002	Properly destroy abandoned well in vicinity of source. Design and construct nitrate removal treatment system.	2000	\$9,000
	F	C	250	QUEEN MOTEL	2700706	002	Construct a new pipeline to tie into California Water System-King City	2001	\$230,000
	F	C	250	El Nido Mobile Home Park	2400053	001	Construct a new well or install treatment facilities.	2003	\$80,000
	F	C	210	RANCHO ESTATES MUTUAL WATER CO	3700936	001	Install a parallel domestic water distribution system for irrigation.	1998	\$598,935
	F	C	200	SPRINGFIELD MUT WC	2700771	001	We need funds for evaluation, design, and repairs.	1998	\$200,000
	F	C	200	LEMON COVE WATER CO.	5400616	001	Drill a new well and connect to system OTHER- Design and Construction	1998	\$150,000
	F	C	200	South Midway City Mutual Water Co.	3000825	001	Installation of a reliable chlorination system on the only well source for the system.	2001	\$4,000
	F	C	200	METTLER VALLEY MUTUAL	1900100	001	Requires the hyperchlorination and/or scrubbing of the tanks and chlorinating the distribution system to eradicate the bacteria.	2001	\$20,000
	F	C	180	WILLIAMS MUTUAL WATER CO.	5400718	001	DRILL NEW WELL AND INSTALL NEW MAINS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$440,000
	F	C	105	TICO MUTUAL WATER CO	5601122	005	Drill replacement well for the TICO MWC's main well.	1999	\$112,000
	F	C	104	Mecchi Water Company	4300912	001	Replace 2" main with 4" main. Install meters for all customers.	1998	\$80,000
	F	C	104	Mecchi Water Company	4300912	002	Replace tank. Resolve chlorination problems. Purchase back-up generator. Connect residences on well site to sewer system and abandon septic tank.	1998	\$40,000
	F	C	100	GLENWOOD MOBILE HOME PARK	3900649	001	Abandon existing well and construct new well.	2002	\$50,000
	F	C	100	Palm Drive Trailer Park	3301489	001	Conversion from well water/septic system to municipal water/sewer lines. (System needs to connect to Mission Springs Water District.)	2003	\$250,000
	F	C	90	WEST MCKINLEY WATER SYSTEM	1000077	001	CONNECT TO CITY WATER SYSTEM. INSTALL MAINS & METER. ABANDON EXISTING WELLS.	1998	\$75,000
	F	C	84	Union Heights MWC	3500825	001	Refurbish existing well or replace with new well	2000	\$60,000
	F	C	74	GLEENINGS FOR THE HUNGRY	5402047	001	Drill a new well.	2002	\$100,000
	F	C	70	LONE OAK MUTUAL WATER CO.	5400788	001	Connect to City of Tulare	2001	\$100,000
	F	C	67	MORO COJO MWA	2700656	003	Construct a new well, possibly in a different location.	2000	\$100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	F	C	65	MURPHY HILL WS #1	2700662	001	Install 15000 gallon tank and slab. Install backflow device or a second 10,000 gallon tank and slab. Install 24 residential water meters.	1998	\$36,000
	F	C	65	CUYAMA MUTUAL WATER CO.	4200514	002	Drill a new domestic well or invetigate treatment of exisiting water, install new storage tank	2002	\$250,000
	F	C	65	GRANDE MOBILE HOME MANOR	4000645	001	Abandon well and water tank hook up to large water system (Arroyo Grande).	2003	\$78,000
	F	C	60	APPLE AVE WS #3	2701036	001	Drill deeper well or consolidate with City water system.	1998	\$75,000
	F	C	60	MURPHY HILL MWS #2	2700663	001	Remove old tank and install new steel tank.	1998	\$50,000
	F	C	50	Fawcett Farms	2400210	001	DRILL A NEW WELL.	1998	\$50,000
	F	C	50	SOLANO VERDE MUTUAL WATER CO	5602130	001	Construct a water line to import water from Callegaus MWD.	2001	\$1,600,000
	F	C	43	DOUBLE J MOBILE ESTATES	4000646	001	Need Central filtration system at the well	2002	\$75,000
	F	C	37	Whispering Sands Mobilehome Estates	3301746	002	Connect to adjacent public water system, or drill new well.	2000	\$150,000
	F	C	35	EAST WILSON ROAD WATER COMPANY	1502699	001	Ion exchange System	2003	\$97,000
	F	C	30	Arnold Park (O'Bannon's MHP)	3500526	001	locate new source water or treat existing groundwater for nitrate removal	2002	\$30,000
	F	C	25	Santa Ana Water Project Authority	3310075	002	desalter and distribution system for treated water	2000	\$6,000,000
	F	C	25	Santa Ana Water Project Authority	3310075	001	Construction of pipeline to deliver water that meets all standards to water systems, to replace the use of high nitrate wells.	2000	\$8,074,000
	F	C	22	SEVENTH STANDARD MUTUAI	1500373	001	UNDETERMINED UNTIL STUDY IS DONE. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	F	C	0	UNITED WTR CONS DIST	5610046	004	Design and construct a skid mounted nitrate removal plant for one well for blending.	1998	\$1,500,000
	F	C	0	Chino Basin Desalter Auth. - DESALTER 1	3610075	001	Construct treatment system to remove salts and distribution system for treated water.	2000	\$6,000,000
	F	P	7000	CAMARILLO AIRPORT UTILITY	5602505	001	Replace existing well by constructing a new well.	2003	\$450,000
	F	P	900	OROSI HIGH SCHOOL	5400636	001	Connection to Orosi PUD.	2001	\$100,000
	F	P	540	FAIRMONT SCHOOL	1000112	001	CONSTRUCT A NITRATE REMOVAL TREATMENT SYSTEM.	1998	\$158,200
	F	P	400	SEQUOIA UNION SCHOOL	5400709	001	Drill a new well	2001	\$100,000
	F	P	250	CUYAMA ELEMENTARY SCHOOL	4200879	001	Need to design and construct a new deeper well to provide potable water to the system	1998	\$100,000
	F	P	250	MAPLE SCHOOL WATER SYSTEM	1502175	001	Drill a new well.	2001	\$400,000
	F	P	223	ROSELAWN HIGH SCHOOL	5000116	001	Physical consolidation with City of Turlock water system at Daubenberger & East Ave.	2003	\$350,000
	F	P	149	DEHESA ELEMENTARY SCHOOL	3702702	001	Build new 6000 foot pipeline to consolidate with Otay Water District.	2002	\$800,000
	F	P	100	DELTA VIEW SCHOOL	1600006	001	INSTALL NEW WELL	1998	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	F	P	60	LOVELL SCHOOL	5400634	001	Drill new well.	2001	\$542,000
	F	P	34	CITRUS SOUTH TULE SCHOOL	5400555	001	Drill a new well	2002	\$100,000
	F	N	300	CAMP PAIGE-AFFLERBAUGH	1900236	002	CONNECT CAMP WATER SYSTEM TO SAN GABRIEL VALLEY WATER DISTRICT SYSTEM OR CONSTRUCT NEW WELL, STORAGE TANK, AND CHLORINATOR.	1998	\$350,000
	F	N	110	RODRIGUEZ LABOR CAMP	5400735	001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	F	N	50	SPCA	2702370	001	Replace tank with bolted, steel tank. Design and install a new well.	1998	\$250,000
	F	N	30	AILEEN OLSON LABOR CAMP	5700546	001	Deepen well. Involves design and construction.	1998	\$17,000
	F	N	29	OAK PARK WS	2700999	002	Drill and equip a new well or else install nitrate removal treatment.	2000	\$25,000
	F	N	25	Quintero Labor Camp #1 (Wright Rd)	3500559	001	Install chlorination system and nitrate anion exchange systems.	1998	\$25,000
	F	S	20	Porta Yosemite Mobile Home Park	2210914	001	CONSTRUCT ADDITIONAL WELLS AND/OR PROVIDE NITRATE REMOVAL TREATMENT.	1998	\$250,000
	F	S	0	ECHO VALLEY RD WS #11	2701556	001	Construct a new well	2000	\$80,000
	F	S	0	ECHO VALLEY RD WS #3	2700555	001	Construct a new well	2000	\$80,000
	F	S	0	SAN JON RD WATER SYSTEM #2	2701878	001	Drill a new well	2000	\$30,000
	F	S	0	PINE TREE WAY WS #2	2700696	001	Construct a new well	2000	\$80,000
	F	S	0	SAN MIGUEL WS #14	2701127	001	Construct a new well	2000	\$80,000
	F	S	0	RUSSELL APARTMENTS WS	2701229	001	Connect to California Water Service Co. (Salinas)	2000	\$240,000
	F	S	0	ENCINAL RD WS #1	2701241	001	Construct a new well	2000	\$100,000
	F	S	0	RIVER RD WS #6	2702155	001	Drill a new well	2000	\$40,000
G	C		400600	Sacramento, City of	3410020	027	Project will study treatment methodologies, then design, construct/purchase, and install treatment system at well site.	2003	\$400,000
G	C		157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	008	Construct treatment facility to remove VOCs	2002	\$1,000,000
G	C		111000	Stockton, City of	3910012	004	Install wellhead treatment to remove arsenic from six wells.	2004	\$2,700,000
G	C		105600	Mesa Consolidated WD	3010004	034	install pre-treatment	2003	\$3,000,000
G	C		102000	DOWNEY - CITY, WATER DEPT.	1910034	005	Constructed replacement Well #11.	1998	\$901,350
G	C		86018	Elsinore Valley MWD	3310012	006	See attached sheet	1998	\$1,800,000
G	C		35553	City of Yuba City	5110002	013	Extend the Yuba City water main 1 mile in order to serve a MHP	2001	\$500,000
G	C		34900	INDIAN WELLS VALLEY W.D.	1510017	003	Installation of arsenic filtration equipment or treatment facilities.	2004	\$1,000,000
G	C		34320	SCWC - CLAREMONT	1910024	002	The solution to the arsenic contamination of Green Well #1 is the installation of an arsenic removal treatment facility.	2005	\$1,750,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	G	C	34320	SCWC - CLAREMONT	1910024 003		2005	\$2,550,000
	G	C	33865	SCWC - ARTESIA	1910004 007	Install arsenic removal treatment facility	2003	\$900,000
	G	C	33865	SCWC - ARTESIA	1910004 008	Install arsenic removal treatment facility	2003	\$600,000
	G	C	33865	SCWC - ARTESIA	1910004 009	Install arsenic removal treatment facility	2003	\$500,000
	G	C	33865	SCWC - ARTESIA	1910004 010	Install additional arsenic removal treatment facility	2004	\$400,000
	G	C	27503	LOS BANOS-CITY	2410005 001	Construct IX treatment system	2000	\$600,000
	G	C	25000	BELLFLOWER - SOMERSET MWC	1910013 001	Design and construct replacement wells.	1999	\$1,000,000
	G	C	21350	ATWATER, CITY OF	2410001 001	CONSTRUCT A TEST WELL AND PRODUCTION WELL TO REPLACE WELL NO. 10 AND PERFORM REMEDIATION WORK ON WELL NO. 20.	1998	\$605,200
	G	C	19360	CWS - Selma	1010024 002	DESIGN AND CONSTRUCT TREATMENT FACILITIES.	2001	\$750,000
	G	C	18000	Dinuba, City of	5410002 001	NITRATE REMOVAL AND GAC TREATMENT. COMMUNITY WATER SYSTEM IMPROVEMENTS AND CONSTRUCT A 3 MG RESERVOIR.	1998	\$5,000,000
	G	C	16000	LINCOLN AVENUE WATER CO.	1910063 001	Installed granular activated carbon (GAC) treatment system.	1998	\$300,000
	G	C	16000	Arvin Community Services Dist	1510001 001	REPLACE THE WELL WITH A NEW WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	G	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 006	Construct a new surface water treatment plant.	2003	\$3,500,000
	G	C	12060	PARLIER, CITY OF	1010025 001	Install wellhead treatment facilities to remove DBCP.	2003	\$400,000
	G	C	9000	BAKMAN WATER COMPANY	1010001 001	Install a GAC treatment system on Well No. 10	2004	\$250,000
	G	C	8945	Kerman, City of	1010018 001	DEVELOPMENT OF A NEW GROUNDWATER SUPPLY OUTSIDE OF THE CITY AND INSTALLATION OF A TRANSMISSION LINE TO CONVEY THE WATER TO THE CITY.	1998	\$1,400,000
	G	C	7900	Sebastopol, City of	4910011 001	Planning, design and construction of a air stripper at well 4.	1998	\$800,000
	G	C	7500	LA PUENTE VALLEY CWD	1910060 001	Installed 1500 gpm air stripping tower.	1998	\$627,396
	G	C	7000	CLAWA WHOLESALE	3610114 001	Feasibility study with design and construction of facilities to meet THM MCL	1999	\$2,400,000
	G	C	6848	MADERA VALLEY WATER COMPANY	2010010 001	Install arsenic removal treatment facilities and chlorination systems.	2002	\$650,000
	G	C	5475	SCWC - HOLLYDALE	1910195 004	Install additional arsenic removal treatment facility	2004	\$200,000
	G	C	5275	City of Live Oak	5110001 010	filtration & storage	2003	\$4,000,000
	G	C	4600	Lakeport, City of	1710004 002	Provide pH/corrosion control facilities.	1998	\$120,000
	G	C	4106	FOWLER, CITY OF	1010006 001	HAVE WELL 1 REDEVELOPED AND ADD STORAGE TANKS. INSTALL CHLORINATION STATIONS AT ALL WELLS. CONSTRUCT 15,000 GAL. STORAGE TANKS. REPLACE ALL STEEL MAINS WITH C-900 TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$750,000
	G	C	3000	BASS LAKE WATER COMPANY	2010003 001	Install a treatment system to remove uranium from the well.	2002	\$100,000
	G	C	2984	AMARILLO MUTUAL WATER COMPANY	1910002 001	Treat water with air-stripper.	2003	\$300,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	G	C	2500	Richgrove Community Services District	5410024	001	EITHER DRILL NEW WELL OR INSTALL TREATMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	G	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001	005	Construct a new water treatment plant.	2004	\$1,320,000
	G	C	2000	Casa Loma Water Co, Inc.	1510004	001	Construct new well or connect to California Water Service-Bakersfield	2002	\$500,000
	G	C	1800	Cobb Area County Water District	1710012	002	Build a limestone contractor.	1998	\$17,000
	G	C	1800	Lost Hills Utility District	1510046	002	Test, plan, design, and construct coagulation and pressure filtration with appurtances including construction administration.	2003	\$1,900,000
	G	C	1736	SCWMD Mather-Sunrise	3410704	007	Design and construct new well.	1998	\$250,000
	G	C	1700	Home Garden CSD	1610007	002	Water treatment or possible interconnection to City of Hanford (<1 mile)	2000	\$200,000
	G	C	1660	Caruthers Comm Serv Dist	1010039	009	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$647,000
	G	C	1660	Caruthers Comm Serv Dist	1010039	008	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$485,000
	G	C	1660	Caruthers Comm Serv Dist	1010039	007	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$647,000
	G	C	1660	Caruthers Comm Serv Dist	1010039	006	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$485,000
	G	C	1250	San Miguel Community Services District	4010010	001	Study to determine source of problem, design & construct solution (treatment or new well)	1998	\$500,000
	G	C	1250	San Miguel Community Services District	4010010	002	DEVELOP NEW WELL AND CONSTRUCT 1,000 LINEAR FEEY OF 16" TRANSMISSION LINE	2003	\$385,000
	G	C	1020	Riverside CSA #122	3310028	001	Construct a new supply well, filtration treatment units, storage reservoir, and a transmission main pipeline connection to the Riverside County Airport-Blythe.	1998	\$2,000,000
	G	C	1000	MALAGA COUNTY WATER DISTRICT	1010042	005	NEW WELL NO. 6 DESIGNED TO AVOID CONTAMINATION	1998	\$92,000
	G	C	1000	Fern Valley WD	3310040	001	Treatment on 7 Wells.	2000	\$400,000
	G	C	860	CWS ONYX WC	1510043	001	DRILL AND EQUIP A NEW WELL AND/OR PROVIDE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
	G	C	820	Cuyama Community Services District	4210009	002	Provide arsenic removal treatment.	2003	\$300,000
	G	C	710	Dell Wayne/Village Green MHP	5110008	002	Hook up to City Water	2001	\$300,000
	G	C	695	San Bernardino CSA 70W-3 (Hacienda)	3600114	003	Construct treatment system	2000	\$300,000
	G	C	625	San Bernardino CSA 70W-4 (Pioneertown Water Users)	3600196	003	Design and build a treatement facility to remove primary and secondary contaminants	2000	\$300,000
	G	C	505	NORTH EDWARDS WD	1510052	002	Lay approx. one mile of 8" PVC main and construct storage tank.	2000	\$181,425
	G	C	505	NORTH EDWARDS WD	1510052	004	Connect to Antelope Valley East Kern Water Agency (AVEK) or alternate	2002	\$35,000
	G	C	505	NORTH EDWARDS WD	1510052	003	Connect to Antelope Valley East Kern Water Agency (AVEK) or alternate	2002	\$100,000
	G	C	450	San Bernardino CSA 70 F-Morongo Valley	3600226	002	Construct treatment system to remove uranium	2000	\$300,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	G	C	430	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290	005	Install Treatment	2004	\$50,000
	G	C	400	ALLENSWORTH C.S.D.	5400544	001	REPLACE WATER DISTRIBUTION SYSTEM, DRILL SECOND WATER WELL	1998	\$115,000
	G	C	400	Central Valley Water Company	5410040	001	Connect to City of Dinuba.	2001	\$100,000
	G	C	396	MANANA WOODS MUTUAL WATER CO	4400539	003	Increase size of aeration towers and GAC filters.	2000	\$250,000
	G	C	362	CURTIS WATER COMPANY	1600503	001	CONNECT TO CITY OF HANFORD PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$716,430
	G	C	360	BROADVIEW TERRACE WATER CO	2000521	002	Construct a new well and/or install treatment facilities.	2002	\$200,000
	G	C	225	RAINBIRD VALLEY MUTUAL WATER COMPANY	1500393	001	Add one more well or upgrade back-up well (later been our priority). Other - Design/Construction	1998	\$30,000
	G	C	200	Yosemite West Water System	2210924	002	CONDUCT A STUDY, DESIGN AND CONSTRUCT TREATMENT FACILITIES TO ELIMINATE THE HIGH COPPER LEVELS IN THE SYSTEM.	1998	\$75,000
	G	C	180	Keeler Community Service Dist.	1400036	005	Install treatment facilities	1998	\$185,000
	G	C	175	SIERRA LINDA MUTUAL WATER CO	2000506	001	Drill a new well.	2003	\$25,000
	G	C	120	LAKE SHORE PARK MD #6	2000550	001	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
	G	C	120	BOBCAT SPRINGS MUTUAL WATER CO	4200891	002	Treatment Plant to reduce the arsenic concentration below 10 ppb.	2003	\$150,000
	G	C	108	WESTERN SKY M.H.P.	5400554	001	CONNECT TO THE CITY OF DINUBA.	1998	\$95,000
	G	C	100	Jose Montoya	3303025	001	Construct a system that correct the high flouride level.	1998	\$30,000
	G	C	100	La Pena Housing Facility	3302069	001	Construct a well and 60,000 gal storage tanks and install a fire pump for required pressure.	1998	\$34,400
	G	C	75	Copco Lake MWC	4700551	001	Develop a new well source.	1998	\$100,000
	G	C	71	Mount Weske Estates Mutual Water Company	4900643	001	Engineering study, design and construction to determine optimum resolution of problem. For example: a) operate pump a different depth, b) connect to Windsor City water supply.	1998	\$100,000
	G	C	60	PIKE RANCH MUTUAL WATER CO	2000526	001	DRILL NEW WELLS OR CONNECT TO A NEARBY WATER SYSTEM, INSTALL A NEW STORAGE TANK AND DISTRIBUTION LINES.	1998	\$450,000
	G	C	55	DESMOND RD WS #3	2700547	001	Replace well. This would involve study, design, and construction.	2000	\$50,000
	G	C	55	RIVERSIDE MOBILE HOME PARK	3900762	001	Hire engineer to determine proper treatment and purchase/install treatment equipment.	2002	\$30,000
	G	C	50	MARINA VIEW HEIGHTS MD #7	2000551	002	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
	G	C	47	FOUNTAIN TRAILER PARK WATER	1500461	001	Connection to North Edwards Water District (System no. 1510052)	2000	\$181,425

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
B	G	C	45	Sunrise Shore Mutual Water Company	1700536	002	Develop new source well or install treatment on existing well	2003	\$200,000
	G	C	37	Hollister Ranch Estates	3500904	001	drill a new well or install treatment	2002	\$200,000
	G	C	30	FOUR SEASONS MOBILE/RV PARK	1600004	001	CONSOLIDATE WITH THE CITY OF HANFORD	1998	\$184,000
	G	C	25	ROSS CORNER	1300563	001	Replace well.	2000	\$100,000
	G	C	15	HUNGRY GULCH WATER SYSTEM	1500436	001	Purchasing , affixing an arsenic removal system. Purchase and erecting two storage tanks.	2003	\$120,000
	G	C	3	MUSTANG SPRINGS MUTUAL WATER	4000775	001	Design problems need to be assessed or provide new treatment	2002	\$0
	G	P	750	Coachella Valley Unified School District	3301152	001	Segregate the irrigation water lines from the domestic lines to reduce the flow of water used for domestic purposes. Also, hire an engineer to monitor on a regular basis the water flow. Continue to maintain the system by sanitizing and changing filt	1998	\$100,000
	G	P	500	Olivet Elementary School	4900699	001	A new well was drilled to supply the system.	1998	\$20,506
	G	P	450	SOUTH FORK SCHOOL WATER SYSTEM	1502260	001	Connect to another system with acceptable water quality or drill a new well	2000	\$300,000
	G	P	450	KIT CARSON ELEM SCHOOL	1600014	001	Install a purification system that will reduce arsenic levels to below 10 ppb.	2003	\$250,000
	G	P	300	SAN ANTONIO SCHOOL DIST	2700727	001	Drill new well and install filter system.	1998	\$25,000
	G	P	140	Round Valley Elementary School	1400019	001	Study to determine cause of problem	1998	\$5,000
	G	P	110	PIUTE MOUNTAIN SCHOOL WATER	1502607	001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
	G	P	100	Butteville Union School	4700559	001	Installed limestone contactor to reduce corrosion of distribution system. Plan to replace all drinking fountains within the classrooms (4) with lead-free faucets.	1998	\$3,000
	G	P	100	PIONEER ELEM SCHOOL	1600011	001	Drill new well or provide treatment	2001	\$300,000
	G	N	604	GLENNVILLE SHOPPING CENTER	1502554	001	DRILL WELL AND CONNECT 10 HOMES TO WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	2003	\$950,000
	W	N	25	DEL SUR GARDENS TRAILER PARK	1900304	001	NEED TO DRILL A NEW WELL DEEPER THAN EXISTING WELL AND REPLACE WELL PIPE.	1998	\$32,000
Total of project(s) in Bond Law Category B = 477 projects									
Total Cost for Projects in Category B :						\$560,405,291			
C	D	C	330	JUNE LAKE PUD VILLAGE	2610002	001	Construct projects per above	1998	\$1,000,000
	H	C	110000	Vista Irrigation District	3710027	001	Permanent replacement of Vista Flume with pressure pipeline. See Attachment 2 and 3.	1998	\$14,430,000
	H	C	85000	El Dorado ID - Main	0910001	014	(Res 11) Replace floating cover with a rigid cover. Involves design and construction.	1998	\$2,800,000
	H	C	85000	El Dorado ID - Main	0910001	015	(Res B) Replace floating cover with rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	H	C	85000	El Dorado ID - Main	0910001	017	(Res 1) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$1,700,000
	H	C	85000	El Dorado ID - Main	0910001	011	(Pollock Pines) Replace floating cover with a rigid cover and adequate bypass. Design and construction is involved.	1998	\$1,700,000
	H	C	85000	El Dorado ID - Main	0910001	016	(Res C) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
	H	C	85000	El Dorado ID - Main	0910001	012	(Moose Hall) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$600,000
	H	C	85000	El Dorado ID - Main	0910001	013	(Dolomite) Replace floating cover with rigid cover. Involves design and construction.	1999	\$2,300,000
	H	C	69300	REDLANDS CITY MUD-WATER DIV	3610037	002	Construct facilities to maintain constant head in the line	1998	\$500,000
	H	C	64000	Vallecitos WD	3710002	001	Please see attached	1998	\$28,083,000
	H	C	30450	West Sacramento, City of	5710003	001	Add a rigid cover to the clearwell and keep the floating cover, too.	1998	\$325,000
	H	C	30450	West Sacramento, City of	5710003	005	Add a rigid cover to the clear well and keep the floating cover.	1998	\$500,000
	H	C	27067	Placer CWA - Auburn/Bowman	3110005	002	Design and construct steel or concrete 10 mg reservoir.	1999	\$2,800,000
	H	C	26000	Banning, City of	3310006	001	Replace the entire 16,000 L.F. of 18" and 20" with a new 20" C.M.L.C. pipe.	1998	\$2,000,000
	H	C	26000	Banning, City of	3310006	003	Pipeline and storage tank replacement	2002	\$10,000,000
	H	C	25772	Paradise Irrigation District	0410007	001	Remove "B" reservoir and install new 10 MG reservoir.	1998	\$3,700,000
	H	C	19500	Rainbow Municipal WD	3710016	003	Add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: micro plant/\$8.9M, HYPALON/\$0.5M, roof/\$3.2M	1998	\$8,900,000
	H	C	19500	Rainbow Municipal WD	3710016	002	Replace with a 5 MG steel tank, add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: steel tank/\$3M, micro plant/\$4.5M, HYPALON/\$0.3M, roof/\$1.5M	1998	\$4,500,000
	H	C	19500	Rainbow Municipal WD	3710016	001	Add light weight aluminum roof or hypalon cover. NOTE: only 2,000,000 for HYPALON cover.	1998	\$13,000,000
	H	C	19500	Rainbow Municipal WD	3710016	004	Add hypalon cover, or convert to raw water impoundment and add 10.5 MGD microfiltration. NOTE: micro plant/\$13.3M, HYPALON/\$2.6M	1998	\$13,300,000
	H	C	17800	MONTECITO WATER DIST	4210007	004	Cover the open distribution reservoir.	1999	\$5,000,000
	H	C	17000	CARPINTERIA VALLEY WATER DISTRICT	4210001	002	Construct a cover for the open distribution reservoir	2003	\$6,000,000
	H	C	8086	Imperial, City of	1310006	001	Demolish and remove existing corroded reservoir and construct new 2 MG reservoir and provide coordination with existing 2 MG remote reservoir.	1998	\$1,800,000
	H	C	7500	Placerville, City of - Main	0910003	004	Install water tank as replacement.	1998	\$462,000
	H	C	7500	Placerville, City of - Main	0910003	003	Replace tank or install piping and a pump system to backwash from treated water reservoirs.	1998	\$85,000
	H	C	7500	Placerville, City of - Main	0910003	002	Construction of a rigid structure cover or installation of a tank.	1998	\$325,000
	H	C	7500	Placerville, City of - Main	0910003	001	Construction of a rigid structure cover or installation of a tank.	1998	\$225,000
	H	C	3200	Meadow Vista County Water Dist	3110009	002	Replace two (2) 2mg reservoirs with welded steel tanks.	1998	\$2,259,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	H	C	1600	McCloud C.S.D.	4710006	001	Construct a cover over the 1.25 million gallon storage tank so it can be used continuously.	1998	\$1,000,000
	H	C	1600	McCloud C.S.D.	4710006	002	Construct new pipe line and seal spring.	2001	\$2,406,842
	H	C	1298	C.C.W.D., West Point	0510005	002	Construction of two new treated water storage tanks	2002	\$1,403,000
	H	C	950	Leavitt Lake CSD	1810004	001	The District would like to put in an above ground storage tank of approximately 300,000 gallons capacity.	1998	\$250,000
	H	C	673	YUIMA MUTUAL WATER DISTRICT IDA	3700938	001	Install flating polypropylene covers.	1998	\$194,400
	H	C	500	SAN LUCAS WD	2701676	005	Design and engineer a pressure system.	1998	\$16,500
	H	C	400	SEVILLE WATER CO.	5400550	001	REPLACEMENT OF THE ENTIRE PLUMBING SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
	H	C	300	Merced Adult Correctional Facility	2400172	001	CONSTRUCT A NEW 100,000 GALLON BOLTED STEEK TANK AND INSTALL AN AUTOMATIC CHLORINATOR.	1998	\$100,000
	H	C	300	Madden Creek Water Company	3110043	001	Install new steel tank.	1999	\$47,500
	H	C	200	Anza Mutual Water Company	3301180	001	Distribution System Improvements	2001	\$50,000
	H	C	186	COUNTY SERVICE AREA 7	4100509	002	Replace old undersized water mains. Relocate the section of mains that are crossing the creek to prevent fires.	1999	\$1,600,000
	H	C	185	El Sobrante (ID-F)	3302104	001	See attached.	1999	\$1,000,000
	H	C	120	AUBURN VALLEY COMMUNITY SERVICE DISTRICT	3100011	002	Replace cover. Involves design and construction.	1998	\$40,000
	H	C	115	Darwin CSD	1400098	003	Replace transmission line	1998	\$1,000,000
	H	C	76	LITTLE BALDY WATER COMPANY	1900158	002	EXPOSE OLD LINE, REPLACE WITH NEW 6 INCH PVC SCHEDULE 90 PIPE, AND REFILL TRENCH.	1998	\$1,050,000
	H	C	50	PAUMA VALLEY MUTUAL WATER CO	3700934	001	We have installed walls and booster pumps nad need tanks.	1998	\$600,000
	H	C	25	CANNON PARK WATER CO.	2800632	001	Construct new roof on tank.	2002	\$5,000
	H	C	0	CASTAIC LAKE WATER AGENCY	1910048	002	CONSTRUCT NEW CLEARWELLS. THE DESIGN OF THE EXISTING CLEARWELLS WAS SPECIFIC FOR FLOATING COVERS, SO THESE STRUCTURES CANNOT BE MODIFIED TO ACCEPT RIGID COVERS.	1998	\$20,000,000
	H	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087	001	Design and install a floating cover upon completion of the liner system.	1998	\$10,000,000
	I	C	1300000	East Bay MUD	0110005	010	Treat reclaimed supernatant. Evaluate the recycle streams including those with potential to be recycled to the headworks of a plant. Ensure that treatment would include construction of identified improvements.	2000	\$7,342,000
	I	C	1300000	East Bay MUD	0110005	022	Install variable speed drives pumps on reclaim system to give operators flexibility in control of supernatant return of rate to head of plant.	2002	\$5,820,000
	I	C	1300000	East Bay MUD	0110005	021	Install variable speed drive pumps on the reclaim system to give operators flexibility in control of supernatant return rate to the head of the plant.	2003	\$3,650,000
	I	C	1223400	San Diego - City of	3710020	011	Alvarado water filtration plant expansion and rehabilitation project: reservoir demolition.	1998	\$7,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	I	C	1223400	San Diego - City of	3710020	049	Construction of clear well.	2000	\$13,140,000
	I	C	1223400	San Diego - City of	3710020	028	Installation of ozone mechanical and electrical equipment.	2005	\$11,200,000
	I	C	1223400	San Diego - City of	3710020	033	Demolish basins 3 and 4 and replace with new basins 5,6,& 7.	2005	\$20,000,000
	I	C	1223400	San Diego - City of	3710020	030	This project would provide for the construction of new ozone facilities which would help increase the capacity and water quality of the treatment plant.	2005	\$8,000,000
	I	C	979000	San Jose Water Company	4310011	006	Design and construct additional handling facilities with enhanced solids separation.	1998	\$1,000,000
	I	C	979000	San Jose Water Company	4310011	002	Replace electro-mechanical filter controls with a programmable logic control system.	1998	\$250,000
	I	C	979000	San Jose Water Company	4310011	007	Design and construct filter-to-waste facilities, including storage and recovery of wasted filter effluent.	2000	\$5,000,000
	I	C	400600	Sacramento, City of	3410020	009	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	1998	\$3,000,000
	I	C	400600	Sacramento, City of	3410020	026	Construct new intake facility to serve treatment plant	2001	\$20,000,000
	I	C	400600	Sacramento, City of	3410020	023	Rehabilitate or replace aged infrastructure at the Sacramento River Water Treatment Plant so as to ensure compliance with State and Federal regulations	2001	\$20,000,000
	I	C	400600	Sacramento, City of	3410020	024	Rehabilitate flocculation, filters, and lime feed facilities while adding filter-to-waste and CT unit processes	2002	\$10,000,000
	I	C	400600	Sacramento, City of	3410020	025	Modify existing structure to meet regulations	2002	\$6,000,000
	I	C	200000	Contra Costa Water District	0710003	002	Design and construct a backwash treatment system for the Bollman water treatment plant.	1998	\$3,000,000
	I	C	180000	Marin Municipal Water District	2110002	005	Construct a backwash water treatment system.	1999	\$380,000
	I	C	130308	City of Vallejo	4810007	001	Lengthening of the east and west sedimentation basins, refurbishing of the existing filters, installation of ammonia equipment, installation of a new ozonation facility and the construction of a new chlorine contact chamber.	1998	\$34,056,000
	I	C	127800	Escondido, City of	3710006	003	Design and construct/repair portions of canal with greatest exposure risk.	1999	\$5,000,000
	I	C	103616	AZUSA LIGHT AND WATER	1910007	001	Design and construct sedimentation basins to meet optimization goals of 1 to 2 N.T.U. Purchase monitoring equipment.	1998	\$500,000
	I	C	86260	GOLETA WATER DISTRICT	4210004	011	Design and construct piping for filter to waste.	1998	\$60,000
	I	C	86260	GOLETA WATER DISTRICT	4210004	012	Kennedy Jenks will evaluate the treatment plant, develop a program for upgrades and improvements. This will include preliminary design report in preparation of	2002	\$5,000,000
	I	C	86018	Elsinore Valley MWD	3310012	004	See attached sheet	1998	\$100,000
	I	C	85000	El Dorado ID - Main	0910001	018	Construct additional filter unit to satisfy system demands with reduced loading rates. Involves design and construction.	1998	\$1,950,000
	I	C	69300	REDLANDS CITY MUD-WATER DIV	3610037	003	Design and construct conventional coagulation basins	1998	\$4,000,000
	I	C	63850	Desert Water Agency	3310005	001	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$6,200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	I	C	63850	Desert Water Agency	3310005 002	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$1,700,000
	I	C	58900	Tracy, City of	3910011 002	CONNECT TO CALIFORNIA AQUEDUCT. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1999	\$3,000,000
	I	C	58900	Tracy, City of	3910011 001	INSTALL OZONE SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1999	\$4,000,000
	I	C	57641	Placer CWA - Foothill	3110025 001	Upgrade flocculation, extend floc basin and replace paddles. Install automatic sludge handling equipment and replace tube settlers. Involves study, design and construction.	1998	\$2,600,000
	I	C	57641	Placer CWA - Foothill	3110025 003	Enlarge backwash ponds, improve sludge removal. Involves study, design and construction.	1998	\$1,300,000
	I	C	57641	Placer CWA - Foothill	3110025 002	Design and construct one additional filter. Also involves study.	1999	\$550,000
	I	C	57641	Placer CWA - Foothill	3110025 004	Design and construct filter.	1999	\$550,000
	I	C	53000	North Marin Water District	2110003 002	Rehabilitation and reconstruction of WTP	1998	\$8,000,000
	I	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009 001	Construct additional sedimentation basin at existing water treatment plant	2000	\$2,000,000
	I	C	44030	Lake Hemet MWD	3310022 001	Construct a new surface water treatment plant or add an additional treatment element (membrane or bag filter system) in front of plant to better regulate influent turbidity changes.	2003	\$3,500,000
	I	C	41000	North Coast County Water Dist	4110025 005	Add second contact clarifier and ozonation system.	1999	\$1,000,000
	I	C	33558	Ramona Municipal WD	3710019 001	Design and construct new pump station, Treatment Plant, and pipelines. Repair and replace tanks.	1998	\$8,000,000
	I	C	28000	City of Benicia	4810001 021	Construct a second flocculation and sedimentation process to more reliably meet DHS regulations and action plans. Possibly modify the existing contact clarifiers to use a a redundant process when primary processes are off-line.	2002	\$5,000,000
	I	C	28000	City of Benicia	4810001 022	Construct one or two additional filters to provide redundancy and improve reliability during challenging periods.	2003	\$4,000,000
	I	C	27067	Placer CWA - Auburn/Bowman	3110005 004	Upgrade coagulation point, floc by extending basins and replacing paddles and install auto sludge handling equipment. Replace tube settlers. Involves refinancing, study, design and construction.	1998	\$2,400,000
	I	C	27067	Placer CWA - Auburn/Bowman	3110005 003	Study, design and construct larger backwash facilities.	1999	\$250,000
	I	C	27000	Calexico, City of	1310002 001	See Attached Exhibit B. (HYA Consulting Engineers preliminary design report)	1998	\$6,400,000
	I	C	14673	Avenal, City of	1610002 001	RELOCATE THE TURNOUT UPSTREAM OF THE EXISTING CHECK STRUCTURE. OTHER - DESIGN AND CONSTRUCTION	1998	\$990,000
	I	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 002	ADD A 4TH FILTER, FLOW CONTROL VALVE AND CLARIFIER, AND CONVERT FROM GAS CHLORINATION TO HYPOCHLORINATION.	1998	\$282,000
	I	C	10000	Huron, City of	1010044 001	INSTALLATION OF CLARIFIERS TO REDUCE DOWN TIME AND INCREASE THE PRODUCTION OF THE EXISTING PLANTS.	1999	\$500,000
	I	C	9620	Cal-Water Service Co.-Oroville	0410005 001	Treatment plant upgrades: particle counter, liquid alum feeder/mixer, current monitor, SCADA system and gaseous chorine containment.	1998	\$220,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	I	C	7434	GOLDEN HILLS CSD	1510045	003	PAY OFF CURRENT LOAN; REFURBISH WATER TREATMENT PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,750,000
	I	C	7000	LAKE ARROWHEAD CSD	3610005	001	Reconstruct Cedar Glen Treatment Plant, undersized main and transmission facilities in accordance with new master plan	1998	\$10,000,000
	I	C	5285	MAMMOTH CWD	2610001	001	Construct additional filtration facilities	1998	\$1,000,000
	I	C	4954	Calistoga, City of	2810002	002	Install turbidity monitoring units on backwash water, rinse to waste water and backwash recycle water with alarms to ensure proper water quality.	1998	\$10,000
	I	C	4954	Calistoga, City of	2810002	001	Install new flash mixing units with sufficient mixing detention time before clarifier.	1998	\$100,000
	I	C	4000	Brooktrails Township CSD	2310009	001	Construction of baffled 300,000 gallon clearwell.	2003	\$400,000
	I	C	3800	Weaverville C.S.D.	5310001	001	Upgrade the existing clarifier system.	1998	\$50,000
	I	C	3800	Weaverville C.S.D.	5310001	003	The project would construct a clarifier and facilities for pre chlorination and coagulation.	1999	\$125,000
	I	C	3710	ACWA Sutter Creek	0310003	003	REPLACE CANAL WITH PIPELINE OTHER = DESIGN AND CONSTRUCTION	1999	\$6,000,000
	I	C	2934	SCWC, Calipatria	1310003	001	Upgrade treatment plant with pressure contact clarifiers, 1.5 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$4,634,000
	I	C	2930	Placer CWA - Colfax	3110006	001	Enlarge backwash basin. Involves study, design and construction.	1999	\$250,000
	I	C	2600	Idyllwild WD	3310019	008	Improve surface wash and filtration system and add appropriate control systems.	2000	\$200,000
	I	C	2250	LAKE DON PEDRO C S D	5510008	002	CONNECT THE THREE SMALL SYSTEMS TO THE LAKE DON PEDRO CSD, INSTALL A DEEP WATER INTAKE AND EXPAND THE LAKE DON PEDRO PLANT.	1998	\$2,228,199
	I	C	2250	LAKE DON PEDRO C S D	5510008	003	INSTALL A FLOCCULATION/SEDIMENTATION BASIN.	1999	\$180,000
	I	C	2200	Nice Mutual Water Company	1710008	005	Evaluate plant condition, recommend improvements and construct improvements.	1998	\$500,000
	I	C	2100	Bidwell Water Company, Inc.	3210001	002	Consider pre-treatment, clarifiers, additional filters, or new treatment plant.	1998	\$75,000
	I	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001	003	UPGRADE OR REPLACE TREATMENT UNIT PROCESSES.	1998	\$1,100,000
	I	C	2000	Seeley CWD	1310013	001	Package treatment system, liquid cl treatment, enlarge, lined raw water storage ponds, new distrib lines, replace and new isolation valves, new control building.	2003	\$1,200,000
	I	C	1845	San Joaquin County - Colonial Heights	3910002	001	DRILL NEW WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$900,000
	I	C	1699	SCWC, Niland	1310012	001	Upgrade treatment plant with pressure contact clarifiers, 0.6 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$2,530,000
	I	C	1699	SCWC, Niland	1310012	002	Build new flocculation and sedimentation basins.	2002	\$1,000,000
	I	C	1459	City of Montague	4710007	002	Installation of ozonation facilities.	1998	\$200,000
	I	C	1400	Garberville Water Co.	1210008	001	May need a clarifier or additional filter.	1998	\$100,000
	I	C	842	TUD-Scenic View/Scenic Brook	5510033	004	CONSTRUCT A PIPELINE TO REPLACE THE OPEN DITCH FROM THE SHAW'S FLAT PIPELINE TO PHOENIX ROAD.	1999	\$147,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	I	C	800	Weimar Water Company	3110035	001	Upgrade water treatment plant to meet future regulations. Study/design/construction involved.	1998	\$200,000
	I	C	750	Cuesta La Honda Guild, Inc.	4110012	001	Repalce filtration and related plumbing, infrastructure. Add a second storage tank.	1998	\$350,000
	I	C	602	City of Trinidad	1210018	001	Construct a clarifier and make other system improvements.	1998	\$100,000
	I	C	600	San Francisco Regional Water System	3810001	049	Study, design, and construct the preferred alternative for sludge handling. The filter-to-waste piping and ancillary facilities.[HWT filter plant]	1998	\$10,289,000
	I	C	600	San Francisco Regional Water System	3810001	061	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected stage 1 DBP regulation.[Sunol filter plant improvement]	1998	\$6,560,000
	I	C	600	San Francisco Regional Water System	3810001	073	Design and construct ozone facilities for the Hetch Hetchy supply.	1998	\$1,205,000
	I	C	600	San Francisco Regional Water System	3810001	060	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected Stage 1 DBP regulations and the Crypto Action Plan[Sunol Improvement]	1999	\$20,300,000
	I	C	600	San Francisco Regional Water System	3810001	053	Design and construct ozone facilities for the Hetch Hetchy supply.	1999	\$5,400,000
	I	C	570	Deer Creek Park Association	2910009	001	Consolidate with Banner System via new pump stations, water mains and storage. Involves design and construction.	1999	\$2,500,000
	I	C	570	WESTSIDE SCHOOL	1000290	001	INSTALL NEW FILTER SYSTEM.	2001	\$50,000
	I	C	500	Resort Imprvmt. Dist. #1	1210022	006	Develop plan and specifications and complete construction.	1998	\$935,000
	I	C	500	Resort Imprvmt. Dist. #1	1210022	005	Engineering planning.	1998	\$20,800
	I	C	500	Sonoma County Water Agency	4910020	001	Design and construct two advanced disinfection (ozone treatment) facilities.	2000	\$12,000,000
	I	C	497	Westhaven C.S.D.	1210024	002	Roughing filter.	1998	\$35,000
	I	C	490	Pine Mountain Mutual Water Co.	2300591	001	Dig a backwash pond system with sufficient detention time.	1998	\$11,000
	I	C	270	Castle City Mobile Home Park	3110033	001	Build separate flocculation basin and install automatic backwash system.	1998	\$50,000
	I	C	230	FCSA #32/CANTUA CREEK	1000359	002	CONSTRUCT A BACKUP WELL TO PROVIDE DOMESTIC WATER DURING PERIODS THAT THE SURFACE WATER SUPPLY FROM WESTLANDS IS INTERRUPTED.	1998	\$214,350
	I	C	108	FELGER FARMS	1009215	001	CONSTRUCT NEW SURFACE WATER TREATMENT FACILITIES.	1998	\$18,500
	I	C	77	OWID-Bangor	0410012	001	Construct new 60,000 gallon storage tank or 25 KW generator.	1998	\$30,000
	I	C	50	Stockton East Water District	3910006	004	CONSTRUCT ADDITIONAL 2 MG SEDIMENTATION BASIN.	1998	\$3,500,000
	I	C	50	Stockton East Water District	3910006	003	CONSTRUCT NEW 10 MG CLEARWELL TO MEET INCREASING DISINFECTION REQUIREMENTS.	1999	\$4,500,000
	I	C	50	Stockton East Water District	3910006	002	CONSTRUCT TWO FILTERS TO PERMIT FILTRATION RATES TO MEET REGULATORY LIMITS DURINF FILTER MAINTENANCE.	2000	\$1,500,000
	I	C	39	MCCLURE BOAT CLUB, INC.	2210905	001	Construct a well to replace the existing treated surface water source.	2002	\$150,000
	I	C	10	ACWA Buckhorn Plant	0310012	003	DIVERT WATER BY GRAVITY AT A HIGHER ELEVATION TO SAVE PUMPING AND TO ASSURE CONSISTENTLY GOOD RAW WATER QUALITY. OTHER = DESIGN AND CONSTRUCTION	1998	\$2,250,000
	I	C	1	Cabazon County WD - Jensen Area	3310041	001	Implement crypto action plan	1998	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	I	C	0	LOPEZ PROJECT	4010022	003	Study, develop, construct an engineered solution to remedy problem	1998	\$14,000,000
	I	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087	005	Design and install ozonation facilities at Jensen treatment plant.(splitted from project 02-1/7/02)	1998	\$50,000,000
	I	C	0	Santa Clara Valley Water District	4310027	007	Replace filter media and install washwater clarification processes at Penitencia water treatment plants. Install new filter-to-waste process plant.(Splitted from proj 05)	1998	\$2,800,000
	I	C	0	Santa Clara Valley Water District	4310027	005	Replace filter media and install washwater clarification processes at Rinconada water treatment plant. Install new filter-to-waste process at Rinconada plant.	1998	\$5,300,000
	I	C	0	Plumas County Flood Control	3210002	001	Upgrade system with contact clarifiers, rehab filters, expand GAC capacity, install alternative disinfection, new chemical feed equipment	2000	\$4,700,000
	I	P	120	Fouts Springs Youth Facility	0600041	001	Replace existing raw water storage tank and piping. Add 50,000 gallon clearwell tank.	1998	\$224,000
	I	P	90	Junction City School	5304209	001	Replacement of filter media.	1998	\$1,500
	I	N	4000	Erreca Rest Area	2400057	001	Install a clarifier and new turbidimeters.	2004	\$50,000
	I	X	2000	Indian Valley CSD-Greenville	0000265	001	Add additional filter and rehabilitate water system.	1998	\$1,002,650
	J	C	200000	Contra Costa Water District	0710003	016	Continue study to determine the best approach to reduce the impacts of the discharge. Construction of a diffuser, extending the discharge pipe. Controlling the timing of drainage discharge.	2000	\$7,000,000
	J	C	200000	Contra Costa Water District	0710003	020	Drainage diversion, reversal of groundwater flow.	2000	\$1,500,000
	J	C	180000	Marin Municipal Water District	2110002	004	To erect continous barbed wired fence around the reservoir.	1999	\$620,000
	J	C	164554	SCWC - SOUTHWEST	1910155	010	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	164554	SCWC - SOUTHWEST	1910155	013	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	164554	SCWC - SOUTHWEST	1910155	012	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	153200	Moulton Niguel Water District	3010073	007	Relocation of the Aliso Creek sewer to the other side of creek which is protected by a road.	2000	\$2,500,000
	J	C	63600	City of Tustin	3010046	003	Somes wells will need to be abandoned and filled and a new well will need to be constructed near by.Other wells may be rehabilitated by lining the casing or other methods.	1998	\$3,500,000
	J	C	31000	CRESCENTA VALLEY CWD	1910028	002	Design and construct four (4) replacement wells. Rehabilitate four (4) existing wells with new casing liners and gravel pack.	1998	\$1,500,000
	J	C	28334	City of Eureka	1210004	002	Replace transmission lines.	1998	\$10,000,000
	J	C	25772	Paradise Irrigation District	0410007	002	Replace 213,000 feet of pipeline.	1998	\$16,000,000
	J	C	19039	CITY OF SANGER	1010029	001	Install ~33,000 feet of new water mains.	2000	\$2,000,000
	J	C	11000	Mendota, City of	1010021	001	CONSOLIDATE THE CITY'S TWO SYSTEMS BY CONSTRUCTING A NEW WELL FIELD, INSTALLING WATER TRANSMISSION AND DISTRIBUTION LINES, AND REHABILITATING AND EXPANDING THE EXISTING IRON AND MANGANESE TREATMENT PLANT.	1998	\$5,518,000
	J	C	6500	CAMBRIA COMM SERVICES DIST	4010014	002	Extend casings and sanitary seals of the wells and raise the pump houses to an elevation above the 100 year flood elevation.	1998	\$60,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	J	C	6000	Sweetwater Springs CWD - Guerneville	4910004	001	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$200,000
	J	C	6000	Sweetwater Springs CWD - Guerneville	4910004	002	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$2,000,000
	J	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005	003	Install new 6-inch diameter PVC water lines and necessary appurtenances.	2001	\$645,264
	J	C	3000	Sweetwater Springs CWD - Monte Rio	4910028	002	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$3,700,000
	J	C	3000	Sweetwater Springs CWD - Monte Rio	4910028	001	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$250,000
	J	C	2660	Sierra Lakes County Water Dist	3110017	001	Completion of existing standby deep well.	1998	\$35,000
	J	C	2100	Swan Lake Mobile Home Park	3301654	001	Remove the existing septic system and install new sewer system to connect to the SAWPA sewer system; and divide the drinking water from the irrigation water system.	1998	\$7,000,000
	J	C	1736	SCWMD Mather-Sunrise	3410704	006	Design and construct new well to replace well.	1998	\$250,000
	J	C	1580	Rio Alto Water District	5210005	001	Construct new municipal well within upper zone of District's distribution system.	1998	\$200,000
	J	C	1440	LAND PROJECT MUTUAL WATER CO.	1910246	001	Design and construction of replacement pipelines and a storage tank.	1998	\$600,000
	J	C	700	Camp Meeker Water Systems, Inc.	4910001	001	Complete construction of the water distribution system and refinance the 1996 project.	1998	\$4,100,000
	J	C	665	East Wood Farms CWU	3600100	001	Construct temporary intertie with East Valley Water District while company makes system improvements	1998	\$15,763
	J	C	650	LAKE MORENA OAK SHORE MUNICIPAL WATER CO	3700923	002	Replace water lines.	2004	\$115,000
	J	C	465	The Oaks Mobile Home Park	0310020	001	Pipe treated water from the Amador Water Agency's Mokelumne River source to provide acceptable water to this community. AWA has submitted the application to at least be a wholesupplier of quality water for the benefit of the Oaks.	2000	\$2,000,000
	J	C	400	Clear Creek CSD-Westwood	1800512	002	Improve spring source	2000	\$50,000
	J	C	211	PARADISE RANCH MHP c/o SANTIAGO ASSOC.	1910099	003	REPLACE OLD PIPES.	1998	\$100,000
	J	C	200	Diamond Park Mutual Water Co.	3000663	001	Replace all lines and valves. Purchase & install additional storage tank.	1998	\$150,000
	J	C	150	PONDEROSA C.S.D.	5400934	002	Investigate cause/source of coliform - \$50,000; Correct problem or drill new wells - \$150,000	2002	\$200,000
	J	C	75	HARBOR VIEW WA	2701498	001	Drill new well and/or install holding tanks (three 5000 gallon tanks).	2002	\$20,000
	J	C	35	MITCHELL'S AVENUE E MOBILE HOME PARK	1900785	001	REPLACING COMPLETE WATER SYSTEM, VALVES, ADDITIONAL 5,000 GAL TANK. REMODEL AND UPDATE PUMP HOUSE AND EQUIPMENT	1998	\$50,000
	J	C	33	River Inn Mobile H.P.	5200531	001	Re-work well head to seal holes and provide casing vent.	1998	\$0
	J	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050	003	Remove the septic tanks and install sewers.	1998	\$100,000
	J	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087	004	Relocate below grade vacuum air release valves from below grade to above grade. Provide blowoffs with backflow protection	2002	\$55,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	J	P	600	PLEASANT VIEW SCHOOL	5400882	001	Interconnect with Poplar CSD water system and abandon well.	2003	\$230,000
	J	P	37	FULL CIRCLE PROGRAMS, INC.	2100575	001	Construct new leach field and drill new well.	1999	\$125,000
	J	P	30	Full Circle Sonoma	4901158	001	Conduct study to determine the cause of the problem, design a system to address the problem and construct a treatment facility to correct it.	1998	\$110,000
	J	N	50	Lake Amador Recreation Area	0300037	001	Pipe treated water from the Amador Water Agency's Mokelumne River source to this water sytem. AWA has applied for funding for a project to bring a quality supply of water to the area and wholesale it to existing PWSs.	2000	\$1,000,000
	K	C	438000	FRESNO, CITY OF	1010007	004	CONSTRUCTION OF PERMANENT DISINFECTION FACILITIES AT AN ADDITIONAL 50 WELLS.	1998	\$1,500,000
	K	C	200000	GLENDALE-CITY, WATER DEPT.	1910043	001	PROVIDE RELIABLY DISINFECTED WATER	1998	\$500,000
	K	C	111000	Stockton, City of	3910012	001	INSTALL ON SITE CHLORINATORS AT WELLS	1998	\$750,000
	K	C	110000	CALIFORNIA WATER SERVICE CO. - DOMINGUEZ	1910033	001	Chlorine generating facilities were purchased and installed to increase overall system residuals.	1998	\$500,000
	K	C	105600	Mesa Consolidated WD	3010004	012	Modification of existing chlorine injection system to a chloramine injection system.	1998	\$2,000,000
	K	C	86200	City of Westminster	3010064	009	Replace Well #124 (State Well #5) by drilling anew well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1998	\$1,000,000
	K	C	86200	City of Westminster	3010064	004	Replace Well #22 (State Well #5) by drilling a new well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1999	\$1,000,000
	K	C	86200	City of Westminster	3010064	007	Replace Well #107 (State Well #5) by drilling a new well to improve our water system pressure volume and help maintain a constant State Mandated chlorine residual for this area.	2000	\$1,000,000
	K	C	86200	City of Westminster	3010064	002	Replace Well #107(State Well #5) by drilling a new well to improve our water system pressure, volumne and help maintain a constant State mandated chlorine residual for this area.	2001	\$1,000,000
	K	C	86018	Elsinore Valley MWD	3310012	001	See attached sheet	1998	\$500,000
	K	C	59000	City of Pleasanton	0110008	001	Convert Pleasanton's chlorine injection facilities to chloramation.	1998	\$200,000
	K	C	53540	CALIFORNIA WATER SERVICE - LIVERMORE	0110003	002	Install facilities to enable Chloramine disinfection of all system reservoirs (24) and purchase portable Chloramination equipment.	1999	\$980,000
	K	C	45325	CUCC - Parkway	3410017	002	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
	K	C	42000	CUCC - Lincoln Oaks	3410013	009	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$1,000,000
	K	C	34082	CUCC - Suburban	3410010	001	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$850,000
	K	C	31726	San Juan Water District	3410021	003	Installation of a scrubber is the industry standard for protection against chlorine releases.	1998	\$300,000
	K	C	28000	City of Benicia	4810001	002	Replace gaseous chlorination system.	1998	\$275,000
	K	C	24300	CAL CITIES - ORCUTT	4210016	002	Provide controls for the well site.	1998	\$50,000
	K	C	24300	CAL CITIES - ORCUTT	4210016	001	Replace the motor center and provide automatic controls.	1998	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	K	C	22271	Hemet, City of	3310016 001	Unknown - possible nitrogen block - acid cleaning - redrilling.	1998	\$750,000
	K	C	21000	CUCC - Antelope	3410031 003	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
	K	C	20434	Valley of the Moon Water District	4910013 002	Design and construct on-site chlorination system for 3 wells.	1998	\$150,000
	K	C	20000	CALIF STATE POLYTECHNICAL UNIV - POMONA	1910022 001	INSTALL DDC CONTROLS THAT WILL AUTOMATE THE BLENDING AND CHLORINATION PROCESS.	1998	\$85,000
	K	C	18232	CUCC - Rosemont	3410034 002	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$360,000
	K	C	13922	FILLMORE WATER DEPT	5610002 001	Install a SCADA system & paging ability to monitor the system	1998	\$200,000
	K	C	12000	ROSAMOND CSD	1510018 001	CYCLE TESTING FOR SOURCE OF BACTERIOLOGICAL CONTAMINATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$25,000
	K	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 004	INSTALL AN AUTOMATED ON-SITE OXIDANT GENERATOR OR OTHER RELIABLE DISINFECTION SYSTEM THAT SATISFIES WORKPLACE SAFETY, HAZARDOUS MATERIALS AND AIR QUALITY REQUIREMENTS.	1998	\$81,550
	K	C	6500	CAMBRIA COMM SERVICES DIST	4010014 001	Purchase monitoring and alarm equipment, cylinder repair kits and the necessary protection equipment for these two sites.	1998	\$20,000
	K	C	6380	Nevada ID - Lake Wildwood	2910023 007	Add chlorination equipment. Involves design and construction.	1998	\$25,000
	K	C	6091	DELHI CWD	2410006 001	INSTALL NEW CHLORINATION FACILITIES.	1998	\$200,000
	K	C	5000	Borrego Springs WC	3710038 006	Installation of gas chlorinators.	1998	\$65,000
	K	C	4280	CUCC - Arden	3410045 002	Install leak alarm annunciation. Involves design and construction.	1998	\$240,000
	K	C	3300	Keyes Community Services Dist.	5010009 001	REPLACE WITH ON SITE CHLORINE GENERATORS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$80,000
	K	C	3000	Borrego WD	3710036 001	Installation of gas chlorinators at Wells 8, 10, 12, and 16.	1998	\$130,000
	K	C	600	San Francisco Regional Water System	3810001 064	Design improvements at Tesla Portal and Thomas Shaft (back-up chlorination station) to provide reliable treatment of Hetch Hetchy Water in accordance with SDWA regulations.	1998	\$1,130,000
	K	C	600	San Francisco Regional Water System	3810001 065	Construct improvements at Tesla Portal and thomas Shaft.	1999	\$9,350,000
	K	C	400	ARROWHEAD MANOR WATER CO	3610026 002	Install automatic chlorination system with reliability features	2000	\$15,000
	K	C	380	Alpine Springs County Water District	3110029 002	Design and construct buildings dedicated solely to house the pumps and provider for safer access.	1999	\$80,000
	K	C	230	BIG OAK MOBILE PARK	0707588 001	Connect to city water.	2001	\$105,000
	K	C	200	RIVERKERN MUTUAL WATER COMPANY	1500251 001	UP-GRADE MAINS, CONSTRUCT "LOOP" AND GET RID OF ALL DEADENDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	K	C	200	ELKHORN ESTATES WATER SYSTEM	3900724 001	STUDY CAUSE OF COLIFORM CONTAMINATION AND, IF NECESSARY, DRILL A NEW ONE.	1998	\$450,000
	K	C	190	Green Mountain Water Company	4300560 002	Install chlorination system, low pressure staging tank, booster pump, and new control system.	1998	\$17,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	K	C	180	JOSHUA VIEW MOBILE HOME PARK	1900941	001	INSTALL AN AUTOMATIC CHLORINATION SYSTEM, REPLACE RUSTED PIPES AND PUMP AT WELL, REPAIR WATER STORAGE TANK.	1998	\$19,000
	K	C	141	RANCHO SAN JOAQUIN WATER SYS	3900558	001	DRILL NEW WELL. INTERCONNECT WELL 1 WITH WELL 2 PRESSURE TANK AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION.	1998	\$500,000
	K	C	100	SLEEPY VALLEY WATER CO., INC.	1900903	001	PROVIDE CHLORINATION, NEW PIPELINES, AND 500,000 GAL RESERVOIR	1998	\$701,200
	K	C	100	Oceanview Mutual Water Co.	3000621	001	Install a continuous disinfection system as well as protecting the shallow well by sealing the cracked well pedestal.	2002	\$25,000
	K	C	60	Avalon Apartments	4900889	001	Attach to public water system.	1998	\$21,000
	K	C	50	West Water Company	4900893	001	Storage tank with high service pumps and a disinfection system	2000	\$150,000
	K	C	45	CORRAL DE TIERRA WC	2700536	003	Install an automated chlorination system and provide for back-up chlorination.	1998	\$1,500
	K	C	25	Treasure Creek Woods MWC	5301101	001	Install two 5,000-gallon capacity storage tanks after chlorination to provide contact time.	1998	\$10,000
	K	C	0	Santa Clara Valley Water District	4310027	004	Clearwell modifications to increase the disinfection time.	1998	\$1,377,000
	K	P	3000	QUARTZ HILLS HIGH SCHOOL	1900003	001	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM.	1998	\$18,000
	K	P	350	Willowside School	4901156	001	Install holding tanks and filtration/purification system.	1998	\$25,000
	K	P	263	SEMI TROPIC SCHOOL WATER SYSTEM	1502244	001	TIE INTO ANOTHER SYSTEM FOR DOMESTIC WATER USE AND USE EXISTING WELL FOR LANDSCAPE IRRIGATION. OTHER - DESIGN AND CONSTRUCTION.	1998	\$20,000
	K	P	200	So Trinity Unified School Dist.	5305107	001	Install new flow-paced chlorination system.	1998	\$4,750
	K	P	200	SF YMCA - CAMP JONES GULCH	4100538	002	Will develop a system's analysis to identify other options to simplify or change system.	1999	\$20,000
	K	P	125	CAMPS MUNZ & MEDENHALL	1900089	001	INSTALL NEW CHLORINATION SYSTEM	1998	\$280,000
	K	P	70	Mattole Elementary School	1200684	001	Hire an architect to redesign system to comply with current and future state and federal law-rebuild system.	2003	\$92,000
	K	P	50	FEATHER FALLS SCHOOL	0400107	001	Contract with an engineer to analyze the system problems.	1998	\$20,000
	K	N	200	KERN CO P&R-GREENHORN MT. PARK WATER	1502317	001	REPLACE 2,000' OF PIPELINE. DRILL A NEW WELL	1998	\$65,000
	K	N	120	Marconi Conference Center	2110304	001	Replace wood storage tank with 125,000 gallon concrete ground tank. Replace water lines from sprins and well to treatment facility.	1998	\$300,000
	K	N	60	CAMP CISQUITO / LIVE AGAIN RECOVERY HOME	1900631	001	ADD AN AUTOMATED CHLORINATION SYSTEM AND MONITORING EQUIPMENTS	1999	\$5,000
	K	N	25	BIG OAKS LODGE	1900992	001	BUILD A 5000 GAL. HOLDING TANK, DEEPEN THE WELL, INSTALL A LARGER PUMP, PRESSURE TANK, AND AN AUTOMATIC CHLORINATION SYSTEM.	1998	\$6,000
	K	N	1	Caltrans, Brookside Rest Area	3301083	001	Upgrade system.	1998	\$5,000
	K	N	1	Caltrans, Whitewater Rest Area	3301082	001	Upgrade system.	1998	\$5,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	M	C	100	RIVER HIGHLANDS COM. SERV. DIST	5800820	001	Fix backwash system. Repair telemetry system. Install piping restraints and numerous safety items; upgrade disinfection system	1998	\$30,000
Total of project(s) in Bond Law Category C = 261 projects									
Total Cost for Projects in Category C :							\$777,556,268		
D	N	C	458000	Eastern Municipal WD	3310009	006	Install wellhead treatment facilities to remove these contaminants and meet standards.	1998	\$1,241,000
	N	C	193060	CWS - Bakersfield	1510003	003	Construct a 20 MGD surface water treatment plant	2001	\$22,500,000
	N	C	164554	SCWC - SOUTHWEST	1910155	009	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	N	C	164554	SCWC - SOUTHWEST	1910155	004	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT SOUTHERN WELL SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	164554	SCWC - SOUTHWEST	1910155	003	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	164554	SCWC - SOUTHWEST	1910155	002	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	160305	OXNARD WATER DEPT	5610007	001	Iron and manganese removal system	2000	\$2,700,000
	N	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	003	CONSTRUCT A FE AND MN FILTER SYSTEM	1999	\$675,000
	N	C	104200	Southern Calif WC - West Orange	3010022	004	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	104200	Southern Calif WC - West Orange	3010022	005	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	104200	Southern Calif WC - West Orange	3010022	002	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	104200	Southern Calif WC - West Orange	3010022	003	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	102361	City of Santa Clara	4310012	003	Investigate the problem and then do whatever construction is found to be necessary.	1998	\$300,000
	N	C	100000	TORRANCE-CITY, WATER DEPT.	1910213	003	A groundwater treatment facility is proposed that will improve water quality by eliminating odor complaints and by meeting secondary standards for iron and manganese. The proposed facility will also mitigate possible future contamination by the ...	1998	\$7,027,000
	N	C	92180	CALIFORNIA WATER SERVICE CO. - HERM/REDO	1910134	001	CONSTRUCT A FE AND MN FILTER SYSTEM	1998	\$1,033,000
	N	C	70700	Yorba Linda Water District	3010037	001	Construction and installation of a treatment system consisting of chemical addition reaction filtration and backwashing facilities. Installation of maganese greensand filter treatment packaged and pressure filtration vessels are planned.	1998	\$755,000
	N	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	001	Well #15 must be destroyed and a new well drilled to replace the supply lost. Project involves: Design to solve problem, and Construction	1998	\$1,100,000
	N	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	003	The City plans to design and install a wellhead treatment plant for Wells 11 and 11A for the removal of iron and manganese. Project involves: Design, and Construction	2000	\$774,000
	N	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	006	Construct treatment plant for removal of hydrogen sulfide, iron, and manganese	2004	\$500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
D	N	C	62000	City of Palo Alto	4310009	003	Construct a new well on Middlefield Rd. with treatment for iron and manganese.	1998	\$460,000
	N	C	50000	Irvine Ranch Water District-Los Alisos	3010091	001	District plans to conduct engineering studies of its well sites and construct groundwater treatment facilities to reduce the concentration of iron and manganese.	1998	\$1,200,000
	N	C	43349	CAMARILLO WATER DEPT	5610019	002	Construct Fe & Mn, hydorgen sulfide removal filtration treatment facility for one of the three wells with additional plants proposed in the future.	1998	\$2,867,700
	N	C	41840	Southern CA Water Co - Cordova Water Srv	3410015	004	Install a new horizontal pressure filter to remove the manganese to non-detect levels.	1998	\$350,000
	N	C	41427	City of San Bruno	4110023	006	A modular treatment plant was designed for 300 GPM was purchased in 1991 for the use at the Shannon Well, but was never installed before the well was abandoned. This project will construct a shelter large enough to accommodate this plant.	1998	\$370,000
	N	C	38700	Carmichael Water District	3410004	005	Air stripping and pressure filtration.	1998	\$1,000,000
	N	C	38700	Carmichael Water District	3410004	004	Pressure filtration. Involves design and construction.	1998	\$750,000
	N	C	33865	SCWC - ARTESIA	1910004	003	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT CENTRALIA SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	33865	SCWC - ARTESIA	1910004	002	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	33865	SCWC - ARTESIA	1910004	001	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	29420	HAWTHORNE-CITY WATER DEPT.	1910047	001	Reconstruct treatment plant.	1998	\$2,000,000
	N	C	28500	Santa Paula Water System	5610011	010	Design & construct iron and manganese removal treatment facility at Well #1B site to treat approx. 1,500 gpm.	1999	\$750,000
	N	C	15000	Fruitridge Vista Water Company	3410023	002	Construct manganese removal facilities and abandon existing wells. May be used for emergency purposes.	2000	\$5,000,000
	N	C	13922	FILLMORE WATER DEPT	5610002	002	Install a manganese filter.	1998	\$800,000
	N	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001	003	ADD A 300 GPM IRON AND MANGANESE REMOVAL SYSTEM FOR THE WELL.	1999	\$128,000
	N	C	10032	SCWMD - Arden Park Vista	3410002	001	Install wellhead treatment facilities (greensand filters). Involves study, design, and construction.	1998	\$1,300,000
	N	C	10032	SCWMD - Arden Park Vista	3410002	004	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
	N	C	10032	SCWMD - Arden Park Vista	3410002	002	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
	N	C	10032	SCWMD - Arden Park Vista	3410002	005	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
	N	C	10032	SCWMD - Arden Park Vista	3410002	003	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
	N	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	002	Install an Fe and Mn filtration system where water from Wells 7 and 8 are delivered to the finished water reservoir.	1998	\$750,000
	N	C	9238	Olivehurst Public U.D.	5810003	001	Construct 3MGD well head treatment plant for iron, manganese, hydrogen sulfide, and methane gas removal. Install approximately 3500 feet of 12" water main from new treatment plant to service area.	2000	\$1,000,000
	N	C	8460	Florin County Water District	3410033	005	Rehabilitation including deepening wells and modification of well structures.	1998	\$0

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
D	N	C	8460	Florin County Water District	3410033	004	Treatment plant and water storage tanks.	1998	\$0
	N	C	7500	TRACT 349 MUTUAL WATER CO.	1910160	002	Purchase and install equipment to remove secondary contaminants	2001	\$950,000
	N	C	7200	Firebaugh City	1010005	001	INSTALL TWO NEW FILTERS AT EACH PLANT SITE AND CONSTRUCT A BACKWASH WATER RECLAMATION SYSTEM AT EACH PLANT SITE	1998	\$1,073,500
	N	C	6813	SATIVA-L.A. CWD	1910147	001	Treatment to remove iron and manganese from water to provide better tasting water. Replace old existing line to prevent major breakage, and better access to water lines.	2000	\$105,221
	N	C	6813	SATIVA-L.A. CWD	1910147	002	Grant will allow us to remove iron and magnesium from water to provide better tasting water. Replace old existing line to prevent major breakage and better access to water lines	2001	\$105,221
	N	C	6091	DELHI CWD	2410006	002	CONSTRUCT A STORAGE TANK WITH A BOOSTER SYSTEM TO STORE AND PUMP TREATED WATER.	1998	\$1,500,000
	N	C	6000	Sweetwater Springs CWD - Guerneville	4910004	003	Construct iron and manganese treatment plant.	2000	\$850,000
	N	C	5500	MAYWOOD MUTUAL WATER CO. #1	1910084	001	Design and construct a manganese removal system capable of treating 1,500 gallons per minute. Preliminary design is shown in Attachment 2.	1998	\$760,000
	N	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	009	Solve the problem by conducting a study to determine the best way to treat the water. Most effective method would likely be a treatment plant.	1999	\$800,000
	N	C	4800	California Rehabilitation Center - Norco	3310800	002	Add Mn removal treatment system	1998	\$550,000
	N	C	3500	Pajaro/Sunny Mesa Community Srvcs Dist	2710020	001	Install a treatment plant to eliminate or reduce manganese to an acceptable level.	1998	\$450,000
	N	C	3300	City of Williams	0610004	002	Purchase and have installed green sand filters and related equipment.	1998	\$3,000,000
	N	C	3300	City of Williams	0610004	001	Design green sand filter system to treat water from three wells.	1998	\$30,000
	N	C	2826	City of Rio Dell	1210012	001	Construct a new surface water treatment plant to draw water from the Eel River.	1998	\$1,700,000
	N	C	2800	Riverdale Public Utility District	1010028	001	Drill new well and chlorine contact tank	2000	\$270,000
	N	C	2710	CWSC Las Lomas	2710013	001	Design and construct filter system.	2000	\$640,000
	N	C	2500	Central Water District	4410018	001	Construct a new well with better water quality in the vicinity of the other two wells. Plans and specifications on file with the Department of Health Services.	1998	\$275,000
	N	C	2500	Trinity Co. W.W. Dist #1	5310002	001	Provide for iron and manganese treatment system. Design and install temperature control devices at raw water reservoir.	1998	\$1,300,000
	N	C	2300	Aromas Water District	3510004	001	drill new well with needed capacity and acceptable water quality	2002	\$976,664
	N	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	001	Installation of iron and manganese removal facility per study by Boyle Engineering Corp dated Mrch 1993.	1998	\$620,000
	N	C	1400	Plumas Eureka CSD	3210011	001	Construction of water treatment facilities.	1998	\$600,000
	N	C	1232	CWS SQUIRREL MOUNTAIN WC	1510044	001	INSTALL IRON AND MANGANESE REMOVAL PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	N	C	1000	MONO VILLAGE WATER DISTRICT	5510019	001	INSTALL TREATMENT SYSTEMS FOR REMOVAL OF IRON AND MANGANESE.	1998	\$162,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
D	N	C	813	Cal-Am WC, Hidden Hills	2710022	001	Design and construct oxidation and filtration treatment facility for the removal of Fe & Mn.	1999	\$500,000
	N	C	750	SAN MIGUELITO MWC	4010003	011	Replace non-functional valves and appurtenances then sandblast and paint vessels and piping.	1999	\$25,000
	N	C	710	Dell Wayne/Village Green MHP	5110008	001	Install a filtration system to remove excess minerals.	2000	\$0
	N	C	700	Riverside County	3301577	001	Install filtration treatment units. Construct new storage reservoir and booster pump station.	1998	\$0
	N	C	690	YERBA BUENA WATER COMPANY	5610006	002	Install filtration system at Well No. 5 to reduce iron and manganese.	2002	\$250,000
	N	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905	001	(1) Develop filtration plan, (2) Determine best design filtration system, (3) Purchase filtration system including installation, startup and training.	1998	\$100,000
	N	C	584	MAR VISTA WATER COMPANY INC	4400502	001	The well should be replaced completely. Also, the existing water lines need to be replaced or upgraded.	1998	\$115,000
	N	C	500	SAN LUCAS WD	2701676	001	Design and engineer a project which would enable water system to remove dirt, iron, and manganese from water supply.	1998	\$90,000
	N	C	495	CUYAMACA WATER DISTRICT	3700074	001	Add storage tank and replace some of distribution lines, and possibly construct a filtration system	1998	\$350,000
	N	C	486	WALNUT HILLS MUTUAL WATER CO.	4000670	001	Construct a water treatment facility and connect to the water system.	1998	\$50,000
	N	C	409	Alpaugh Irrigation District	5410005	002	Construct new well (s), pressure tank and appurtenant facilities	2002	\$565,900
	N	C	350	Lassen County Water District #1	1810003	001	Purchase and installation of filters to remove the iron and manganese.	1998	\$210,000
	N	C	347	BARRETT LAKE MOBILE HOME PARK	3700041	001	New tanks, lines and pressure pump.	1998	\$50,000
	N	C	300	Newell County Water District	2500801	001	Drill new wells in a strata that meets the MCL for iron and manganese. Replace failing distribution system.	1998	\$275,000
	N	C	252	PRUNEDALE MWC	2700702	002	Install ozone treatment and filtration system.	1998	\$100,000
	N	C	240	GARDEN FARMS CWD	4000507	001	Install simple filters at wells with high concentrations of the minerals, greensand and chemical charcoal filters are being considered.	1998	\$45,000
	N	C	200	Blythe - Hidden Beaches	3301630	001	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$6,716,000
	N	C	193	CAMP OWEN WATER SYSTEM	1502315	001	INSTALL FILTRATION AND WATER CONDITIONING SYSTEM AT THE SITE OF THE EAST WELL SO THAT IT CAN BE UTILIZED. REPLACE/REPAIR WATER STORAGE TANK.	1999	\$60,000
	N	C	150	ACAMPO WATER SYSTEM	3901303	002	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION.	1998	\$700,000
	N	C	100	HOOD WATER MAINTENCE DIST	3400101	001	Construct an iron and manganese treatment facility and construct a 1,000 gpm well with iron and manganese treatment. Involves design and construction	1998	\$300,000
	N	C	100	HOOD WATER MAINTENCE DIST	3400101	002	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	N	C	93	VIERRA ESTATES WS	2702007	001	Physically consolidate with Normco Division. Install 7000 feet of piping to make the connection.	1998	\$225,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
D	N	C	79	H & J WATER COMPANY	3700073	001	Dig new well and destroy abandoned well.	2002	\$60,000
	N	C	79	H & J WATER COMPANY	3700073	002	Install treatment.	2002	\$3,000
	N	C	78	WOODSIDE WA	2702140	001	They do not describe any projects. Perhaps, they are hoping we will tell them what they should do.	1998	\$50,000
	N	C	68	FAIRWAY ESTATES PWS CSA-18	3901075	001	CONSTRUCT REATMENT FACILITY, PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION.	1998	\$750,000
	N	C	64	Moorland Avenue Apartments	4901195	001	In 1996/97 system installed a 5,000 gal storage tank, with booster pump and pressure system. Would like to install treatment for iron and manganese, seal north well which is now inoperable and refinance the previous 1996/97 system improvements.	1998	\$25,000
	N	C	60	FAIRWAY DOWNS MUTUAL WATER CO	5800572	002	Install iron and manganese filtration system for removing these secondary standard constituents.	1998	\$73,000
	N	C	50	PINE VALLEY TRAILER PARK	3701961	001	as above.	1998	\$100,000
	N	C	50	FAIROAKS PWS #44	3901348	001	CONSTRUCT TREATMENT. OTHER = DESIGN AND CONSTRUCTION	1998	\$700,000
	N	C	28	MDWC:WARDS FERRY RANCHES	5500363	001	INSTALL A FILTRATION SYSTEM TO REMOVE IRON AND MANGANESE.	1998	\$144,000
	N	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050	001	Construct a manganese removal facility.	1998	\$25,000,000
	N	P	600	Twin Hills School Dist-Apple Blossom Sch	4900710	001	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$100,000
	N	P	440	Twin Hills School Dist-Twin Hills School	4900707	001	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$105,000
	N	P	350	Oak Grove School	4900703	001	Install filtration or ozonation system with holding tank.	1998	\$30,000
	N	P	150	New Directions Adolescent Services	4901170	001	Confirm composition of suspended matter, design and install system to remove and dispose of solids.	1998	\$14,000
	N	P	145	DELTA ISLAND ELEMENTARY SCHOOL	3900713	001	REIMBURSE FOR TREATMENT INSTALLED	1998	\$8,000
	N	P	75	Willow Creek School	4700569	001	Add treatment to remove rust and/or manganese.	1998	\$10,000
	N	P	50	MJUSD-Arlington Elem. School	2500513	002	Drill a new well in a strata that meets the MCL for manganese.	1998	\$44,850
	N	N	700	AMERICAN LEGION POST 376	0500090	001	DRILL NEW AND DEEPER WELL.	1998	\$10,000
	N	N	246	FRANKLIN ELEMENTARY SCHOOL	3400248	001	New mangnesium filtration system. Replace and modernize plumbing.	1998	\$10,000
	N	N	90	Maharishi Vedic School	1700668	001	Convert existing 20,000 gal tank to sand filter.	1998	\$30,000
	N	N	75	OWID - STRAWBERRY CAMPGROUND	0400138	001	Deepen wells and bring in electrical connections.	1998	\$165,000
	N	N	25	River Land Resort	3600365	001	Construct treatment facility, Construct tank	1998	\$100,000
	N	X	0	Indian Hills Camp	0001405	001	We have a chlorination system in place now which does an adequate job but a more sophistcates system such as osmosis would be safer and more functional.	1998	\$9,947

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
Total of project(s) in Bond Law Category D = 110 projects									
Total Cost for Projects in Category D :				\$118,617,003					
E	C	C	3000	Donner Lake Water Company	2910005	005	Investigate the condition of existing distribution system and reappear or replace as needed.	2000	\$5,000,000
	E	C	65000	COMPTON-CITY, WATER DEPT	1910026	008	Rehabilitate domestic well, replace existing emergency connection between the City of Compton and the MPWT, purchase of water rights and acquisition of land, destroy two inactive wells.	2002	\$1,400,000
	E	C	57000	EAST VALLEY WD	3610064	002	Consolidate water system into EVWD	1998	\$985,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	013	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 11,000' OF 16" PIPELINE (see 08)	1999	\$1,932,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	003	CONSTRUCT A 500,000 GALLON TANK TO IMPROVE SYSTEM RELIABILITY.(See new definition and water outage noted in project 08)(4/	1999	\$1,000,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	005	REPLACE THE TWO EXISTING WATER TANKS WITH TWO NEW 100,000 GALLON RESERVOIRS. (See 08)	1999	\$700,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	001	REPLACE APPROXIMATELY 6700' OF EXISTING WATER MAINS AND UPGRADE 2 PUMP STATIONS. (See 08)	2000	\$870,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	010	REPLACE APPROXIMATELY 1,700 FT. OF WATER MAIN TO REDUCE MAINTENANCE COSTS.(See 08)	2000	\$840,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	011	REPLACE EXISTING WATER MAINS.(See project 08)	2000	\$850,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	018	CONSTRUCT A 2 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE (see 08)	2001	\$2,100,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	015	REPLACE THE EXISTING 10" PIPELINES WITH 1,100' OF 16" PIPELINE (see 08)	2001	\$1,550,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	008	Installation of three 10" parallel pipelines and replacement of portions of the existing pipes with pipes using rigid joints.(This project is reranked and redefined per Dist memo dated 3/31/2000)	2001	\$2,000,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	014	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 8,000' OF 16" PIPELINE (see 08)	2001	\$1,401,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	002	REPLACE APPROXIMATELY 8000' OF EXISTING WATER MAINS AND RECONSTRUCT A PUMP STATION. (see 08)	2001	\$1,600,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	016	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES(see 08)	2002	\$1,550,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	017	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES (see 08)	2002	\$870,000
	E	C	24305	East Niles CSD	1510006	001	Drill a new ground water well, construct 1 MG storage tank w/ booster pump station and increase capacity of a ground water well that is to be drilled as part of another project (Weedpatch Hwy Project).	2003	\$1,700,000
	E	C	13500	Bella Vista Water District	4510014	008	Construct a pump station and pipelines to provide treated drinking water to previously unserved area to replace their existing well water supplies.	1998	\$1,192,000
	E	C	11053	Del Oro Water Co.-Paradise Pines	0410011	003	Extend a new pipeline to convey treated water from the Lime Saddle surface water treatment plant to the Paradise Pines System	2001	\$4,500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	E	C	10318	San Bernadino CSA 70L	3610120	003	Construct 2 new wells	2000	\$882,000
	E	C	9475	SO CA WATER CO- WRIGHTWOOD	3610047	001	Construct new well	1998	\$300,000
	E	C	8300	Fort Bragg, City of	2310001	001	Develop well field (estimated to supply 1400 gpm), install 5500 L.F. new transmission lines, new pump station and controls.	1998	\$1,100,000
	E	C	7434	GOLDEN HILLS CSD	1510045	006	Loop water system in west GHCSO service area in order to provide the necessary water volume to Keene.	2000	\$100,000
	E	C	5497	Orosi Public Utility District	5410008	005	Replace small diameter mains with minimum 8-inch diameter mains in the areas affected	2002	\$1,625,000
	E	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	005	Drill a new well	2000	\$300,000
	E	C	4000	Cutler PUD	5410001	003	REPLACE THE OLD AND UNDERSIZED PIPELINES AND INSTALL HYDROPNEUMATIC TANKS ON EXISTING WELLS TO REGULATE THE PRESSURE. OTHER - DESIGN AND CONSTRUCTION.	1998	\$493,000
	E	C	3300	Seaside Municipal Water System	2710018	001	Install new well.	1998	\$150,000
	E	C	3000	Donner Lake Water Company	2910005	004	Investigate the condition of the existing distribution system and repair or replace as needed.	2000	\$100,000
	E	C	2826	City of Rio Dell	1210012	002	Source water treatment plant	2001	\$2,210,000
	E	C	2000	London Community Serv Dist	5410017	001	Construction of new distribution system.	2002	\$1,600,000
	E	C	1917	Quincy Community S.D.	3210004	003	Construct new well	2001	\$350,000
	E	C	1917	Quincy Community S.D.	3210004	004	Construct new well	2001	\$150,000
	E	C	1905	Strathmore Public Util Dist	5410012	001	CONSTRUCT CANAL STORAGE FACILITIES. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
	E	C	1400	Garberville Water Co.	1210008	003	Purchase and install generators for the infiltration gallery and treatment plant	2001	\$21,000
	E	C	1100	YERMO WATER CO	3610118	001	Construct new well and reservoir, replace mainline	1998	\$850,000
	E	C	1070	City of Loyalton	4610001	003	Provide additional source capacity, valving to isolate tanks, replace old main line	2001	\$250,000
	E	C	1000	Humboldt Bay MWD	1210013	002	Emergency standby generator	2002	\$400,000
	E	C	927	Del Oro Water Co.-Lime Saddle	0410017	001	Construct 16,600 feet of 10" main with lift stations and an additional 300,000 gallon storage tank.	1999	\$2,000,000
	E	C	915	San Joaquin County - Thornton	3910009	002	Construct replacement well including engineering, feasibility study, environmental and property acquisition.	2002	\$881,550
	E	C	897	Descanso Community WD	3710009	001	New tanks, new lines and meters, upgrade wells, add filtration system, generator, tank site purchase, grading and fencing.	1998	\$1,300,000
	E	C	820	Cuyama Community Services District	4210009	001	Construct an 8-inch, 4.5 miles long line to connect the school to CCSD.	2002	\$500,000
	E	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905	002	Add additional well; increase present storage capacity; replace affected delivery lines.	1998	\$80,000
	E	C	625	San Bernardino CSA 70W-4 (Pioneertown Water Users)	3600196	004	Develop a Water Master Plan	2000	\$50,000
	E	C	625	San Bernardino CSA 70W-4 (Pioneertown Water Users)	3600196	005	Drill and develop additional groundwater wells	2000	\$150,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	E	C	625	San Bernardino CSA 70W-4 (Pioneertown Water Users)	3600196	006	Construct 5.3 miles of transmission line to High Desert Water District	2002	\$1,182,000
	E	C	521	LIVE OAK SPRINGS WATER & POWER COMPANY	3700922	001	Replace existing distribution system, and install pressure system (pressure tanks and pump system).	1998	\$1,000,000
	E	C	500	LSID-Strathmore System	5410036	001	DESIGN AND INSTALL CANAL STORAGE FACILITES TO INCREASE CAPACITY AND RELIABILITY OF WINTER WATER DELIVERIES. OTHER - DESIGN AND CONSTRUCTION	1999	\$250,000
	E	C	500	DUCOR COMMUNITY SERVICE DIST.	5400542	001	Construct a new well	2002	\$500,000
	E	C	500	Sonoma County Water Agency	4910020	006	Construction of an additional pipeline, water storage tanks, booster pump, and related facilities between the existing Cotati tanks and the Kastania tanks in southern Petaluma.	2003	\$25,361,000
	E	C	436	LAKE WOHLFORD RESORT	3700919	001	Install well, run electricity to well. Purchase and install storage tank.	1998	\$120,000
	E	C	415	Forest Park MWC	3600107	001	Construct new sources and storage facilities	1998	\$150,000
	E	C	409	Alpaugh Irrigation District	5410005	001	Drill new wells or provide treatment. Replace all distribution piping.	2001	\$1,950,000
	E	C	400	ARROWHEAD MANOR WATER CO	3610026	001	Replace 60,000 feet of pipeline and repair/replace storage tanks	2000	\$10,000
	E	C	332	Juniper Riviera Co WD	3600222	001	Construct new well	1998	\$130,000
	E	C	250	LAKESIDE WOODS MUTUAL WATER CO	4500013	001	New storage tank, water main repairs and replacement, stand-by generator for power outages and water meters to encourage residents to conserve water to preclude water outages.	1998	\$93,000
	E	C	250	CROWLEY LAKE MUT. WATER DIST.	2600546	001	Investigate new well sites, review system operations, determine system needs, prepare construction loan applications.	2000	\$300,000
	E	C	250	Ramona Water Company	3301529	001	Drill new wells, meters, and storage facilities.	2001	\$100,000
	E	C	230	GREENBELT WATER COMPANY INC	4400598	001	Drill and equip a new well, including appurtenances necessary to supply water to the system such as booster pump, pressure tank, and control system.	2000	\$38,000
	E	C	218	ALPINE OAKS MOBILE ESTATES	3701988	001	Construct additional well and 20,000 gallon storage tank.	1998	\$100,000
	E	C	202	SHASTA CO CSA #23 CRAGVIEW	4500028	001	Armor slopes and relocate facilities.	2001	\$160,000
	E	C	200	Sierra Grande Estates Mutual	1400070	001	Installation of curbside meters and shutoffs to encourage conservation; Increase and update storage capacity to include pressure tanks and electrical components and track usage	2003	\$195,000
	E	C	150	UNION PACIFIC RAILROAD COMPANY	1500371	001	BUILD TEN MILES OF PIPELINE FROM TEHACHAPI TO KEENE. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,500,000
	E	C	150	Mariposa Pines Mutual	2210906	001	CONSTRUCT A NEW WELL, RECONSTRUCT TWO WELLS, AND INSTALL STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$294,806
	E	C	150	Reche Canyon Mutual Water Company	3301541	001	Install water meters and 6" pipeline 3,800' to connect to available city water.	1998	\$150,000
	E	C	150	Bodega Water Company	4900850	001	Drill additional well	2002	\$100,000
	E	C	130	Alpine Village	3301491	001	To lay the needed pipe to loop the system. We have 6 other wells we could use but need pumps and electric to run them.	1998	\$15,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	E	C	126	ASSISI MWC	2700503	001	Replace bowls.	1998	\$11,630
	E	C	120	Colusa Co. Service Area #1-Century Ranch	0600012	001	Drill new wells and replace existing storage reservoir.	1998	\$200,000
	E	C	120	Colusa Co. Service Area #1-Century Ranch	0600012	002	Design a surface water treatment plant and replace all air vacuum release valves	2001	\$1,200,000
	E	C	120	TAHOMA MEADOWS WATER CO.	3100033	002	Design and build a permanent interconnect with adjacent privately owned community system to use during emergencies.	2003	\$20,000
	E	C	115	Darwin CSD	1400098	001	Construct two wells and improve spring	1998	\$100,000
	E	C	100	Blairsdon Water Users Association	3200134	001	Replace antiquated water lines and install storage tank.	1998	\$150,000
	E	C	100	Volcano Community Service Dist	0300016	001	STUDY ALTERNATIVES, DESIGN SOLUTION, AND CONSTRUCT SOLUTION. OTHER = STUDY, DESIGN, AND CONSTRUCTION	1998	\$1,000,000
	E	C	100	Klamath C.S.D.	0800548	001	Construct two wells and new telemetry in currently identified good aquifer. Construct transmission line to existing distribution system (200 feet of 6-inch PVC).	1998	\$160,000
	E	C	99	SPRING CANYON WA	2700838	001	Water system needs to consolidate with a larger water system--specifically Alco Water Service.	1998	\$175,000
	E	C	94	Lake View Mutual Water Co.	2300606	001	Drill well.	1998	\$30,000
	E	C	90	Double 'R' Trailer Park	3301220	001	Connect to Mission Springs WD water system.	2002	\$480,000
	E	C	81	LANGLEY/VALLE PACIFICO WS	2701670	001	Install new well and treatment facilities.	1998	\$400,000
	E	C	76	LITTLE BALDY WATER COMPANY	1900158	001	PURCHASE THREE 2.5 ACRE SITES, CONSTRUCT APPROX. 100,000 STORAGE TANK ON EACH AND SECURITY FENCING	1998	\$450,000
	E	C	76	LITTLE BALDY WATER COMPANY	1900158	004	Deepen existing well for more supply, or drill new well	2000	\$100,000
	E	C	75	ARROWHEAD RANCH WS	2702072	001	Physical consolidation with Normco Water System.	1998	\$120,000
	E	C	75	VIERRA MEADOWS MWC	2702003	001	Add additional 15,000 gallon storage tank.	1998	\$30,000
	E	C	75	VISTA HILLS MUTUAL WATER CO.	4200848	002	Drill new well	2003	\$325,000
	E	C	75	VISTA HILLS MUTUAL WATER CO.	4200848	001	Drill new well	2003	\$325,000
	E	C	66	OAKRIDGE SUB MWC	2701422	001	Consolidation with Aromas Water District.	1999	\$700,000
	E	C	65	CUYAMA MUTUAL WATER CO.	4200514	001	Tie into Cuyama CSD or construct a new well. (Reranked to E from M 1/3/02)	2000	\$250,000
	E	C	62	Z RANCH MWC	2700731	001	Add one or two new wells.	1998	\$80,000
	E	C	58	Los Ranchos De Uvas Water Company	4300637	002	Need to hook up to Twin Valley Water Company.	1998	\$100,000
	E	C	54	Boulevard Heights Mutual Water	4901071	001	Construct additional 50,000 gal tank. Install larger well pumps.	1998	\$85,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	E	C	50	HIDDEN LAKE DIST #1	2000544	001	INSTALL A NEW WATER TREATMENT PLANT (100 GPM CAPACITY), LARGER INTAKE PUMPS, AND ASSOCIATED PIPING AND ELECTRICAL FACILITIES. ALSO INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$250,000
	E	C	50	Rural Canyon Water Company	4900618	001	Construct a 1 1/2 mile 6 inch line to connect to Forestville CWD, annex to District and pay the connection fees or purchase wholesale water & continue to operate the storage and distribution system.	1999	\$350,000
	E	C	48	ECHO VALLEY WS #5	2701423	001	Design and construction of new well.	1998	\$45,000
	E	C	48	SAN MIGUEL WS #3	2700740	001	Consolidate with Royal Oaks WS.	1998	\$110,000
	E	C	48	TIERRA VERDE MWC	2700775	001	Construct a new well and storage tank to provide long-term reliability	2002	\$75,000
	E	C	40	LLANO FARMS MUTUAL WATER COMPANY	1900514	001	INSTALL NEW WELL, BOOSTER PUMP, AND STORAGE TANK	1998	\$500,000
	E	C	35	MOUNTAIN RANCHES MD #5	2000549	001	INSTALL AN ADDITIONAL WELL AND A 100,000 GALLON STORAGE TANK WITH A TELEMETRY SYSTEM.	1998	\$140,000
	E	C	33	WILLOWS ASSOCIATION	3700004	001	1. Drill additional well. 2. Connect to Padre Dam Water District. The cost of this option has not been determined.	1998	\$17,000
	E	C	30	Midpines Timber Mobile Home Park	2210919	001	CONSTRUCTION OF A NEW WELL AND STORAGE TANK.	1998	\$50,000
	E	C	30	Spring Crest Water & Power	3301643	001	A) Need secondary source of water - new well \$25k, B) Provide electrical service to wells/tanks for monitoring \$5k, C) Replace approx. 200 l.f. of 8" water line \$16k, D) Clean out hydrolic wells \$5k	1998	\$51,000
	E	P	800	Loma Prieta JUSD-Loma Prieta School	4300721	001	Connect to Montevina Pipeline (treated water)distribution system approximately 1 mile away.	2004	\$500,000
	E	P	200	LA HONDA ELEMENTARY SCHOOL	4100516	001	Feasibility Study to consolidate with LaHonda Guild, CSA#7, San Mateo Co., or San Francisco Water District, with LaHonda's inadequate water supply.	1998	\$10,000
	E	P	165	MILLERS HILL SCHOOL	0900210	001	Develop plans to install adequate storage for domestic water.	2003	
	E	P	125	MONTGOMERY CREEK SCHOOL	4500170	001	Improve spring or drill wells to improve source capacity and preclude water outages.	1998	\$60,000
	E	P	100	Fort Ross School District	4900679	002	Connect 1 mile pipeline to community water system.	2001	\$20,000
	E	P	75	LATROBE ELEMENTARY SCHOOL DIST	0900410	001	Construct additional well and connect to storage tank.	1998	\$20,000
	E	P	75	LATROBE ELEMENTARY SCHOOL DIST	0900410	002	Develop plans to install adequate storage for domestic water.	2003	
	E	P	35	Montebello SD - Montebello School	4300762	001	Need to add more capacity with adding another well or more storage. A faster refill ssytem to be considered.	2002	\$50,000
	E	P	32	Honeydew Elementary School	1200806	001	Develop additional water source and improve distribution system.	1998	\$6,000
	E	N	195	SPLIT MOUNTAIN PARK	3701882	001	New 5,000 gallon water storage tank, new 1,500 gallon water pressure tank, and new 5 hp secondary booster pump.	1998	\$8,500
	E	N	55	Delights Hot Spa	1400088	001	Construct pressure tank, distribution system replacement	1998	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	E	X	10	Burnett Road WS	5403108	001	Permanent interconnection to Tipton CSD	2002	\$287,800
	E	S	5	Commanche Well Water System	1502567	001	TIE INTO ANOTHER SYSTEM, STORAGE TANK AND BOOSTER PUMPS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	E	S	0	WALKER VALLEY WS #2	2700801	001	New well; possible new tank and /or distribution system.	2000	\$50,000
	L	C	1300000	East Bay MUD	0110005	017	Conversion at WTP's from disinfection by free chlorine to chloramines.	1998	\$10,734,000
	L	C	1300000	East Bay MUD	0110005	001	New chemical feed, storage and control facilities additional filtration capacity and washwater solids handling improvements at Walnut Creek WTP.	1999	\$29,840,000
	L	C	979000	San Jose Water Company	4310011	008	Evaluate, design, and construct required facilities for reducing THM's	2002	\$8,000,000
	L	C	158360	California Water Service - Stockton	3910001	001	DESIGN AND CONSTRUCT A S MGD TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	2000	\$2,600,000
	L	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	005	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE TECHNOLOGY TO REMOVE PERCHLORATE AND NITRATE.	1998	\$2,500,000
	L	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	006	Construct treatment facility to remove VOCs and NDMA	2002	\$15,000,000
	L	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	009	Construct treatment facility to remove Perchlorate and NDMA	2002	\$15,000,000
	L	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	007	Construct treatment facility to remove VOCs	2002	\$1,200,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	013	Install treatment using ion exchange technology to remove perchlorate	2001	\$1,000,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	014	Install ion exchange treatment technology to remove perchlorate	2002	\$1,750,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	017	Install treatment using ion exchange technology to remove perchlorate	2002	\$1,750,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	015	Install treatment using ion exchange technology to remove perchlorate	2003	\$1,750,000
	L	C	92350	California Water Service - San Mateo	4110008	001	Install facilities to enable chloramine disinfection of all systems reservoirs (19) and purchase portable chlorination equipment.	1998	\$780,000
	L	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	001	Perform investigation to define extent of contamination, source of contaminants, remediation, and potential treatment technologies. Project involves: Study, Design, and Construction.	1998	\$5,000,000
	L	C	69300	REDLANDS CITY MUD-WATER DIV	3610037	001	Design/Study treatment possibilities	1998	\$2,000,000
	L	C	65960	California Water Service - Bear Gulch	4110006	002	Install facilities to enable chloramine disinfection of 23 Reservoirs and treatment plant, purchase portable chlorination.	1999	\$1,020,000
	L	C	57520	CWSC Los Altos Suburban	4310001	003	Install facilities to enable chloramine disinfection of all system wells.	1998	\$860,000
	L	C	54260	California Water Service-S San Francisco	4110009	001	INSTALL FACILITIES TO ENABLE CHLORAMINE DISINFECTION OF ALL SYSTEM RESERVOIRS (13) AND PURCHASE PORTABLE CHLORINATION EQUIPMENT.	1998	\$540,000
	L	C	35553	City of Yuba City	5110002	014	Acquisition of Hillcrest WC and Expand the Yuba City SWTP to serve the Hillcrest water region customers when new arsenic limits are adopted.	2001	\$30,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	L	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	007	Drill new replacement well	2001	\$450,000
	L	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	008	Review treatment options, construct treatment facilities	2003	\$750,000
	L	C	29720	California Water Service - San Carlos	4110007	001	Install facilities to enable chloramine disinfection of all systems reservoirs (22) and purchase portable chlorination equipment.	1998	\$900,000
	L	C	28000	City of Benicia	4810001	005	Installation of hypalon "curtains" inside of reservoirs to baffle the flow.	2000	\$245,000
	L	C	28000	City of Benicia	4810001	007	Design and construct two new sludge lagoons near the washwater recovery basin, a small recycle basin and pump station.	2000	\$600,000
	L	C	28000	City of Benicia	4810001	006	Design and construct ozone facilities at the Water Treatment Plant.	2001	\$4,700,000
	L	C	12320	Cal-Water Service Co.-Marysville	5810001	001	Design and construct a 1.0 MGD treatment plant to address the production problems of these wells.	2000	\$750,000
	L	C	12320	CASITAS MUNICIPAL WATER DIST	5610024	004	Addition of treatment process to the existing pressure filtration TP.	2000	\$1,500,000
	L	C	11046	BALDY MESA CWD	3610010	002	Construct treatment plant to treat water from California Aqueduct	2001	\$20,500,000
	L	C	11000	McFarland MWC	1510013	001	A) Eliminate low volumes and possible bacteriological problems. B) Portable electric generator to restore water service during power outages.	1998	\$211,000
	L	C	7500	LA PUENTE VALLEY CWD	1910060	002	Design and construction of a 3000 gpm Perchlorate treatment facility when treatment technology becomes available. Project involves: Design to solve problem and Construction	1998	\$750,000
	L	C	5000	WESTERN HEIGHTS WATER COMPANY	3610053	002	Construct a 2-million gallon reservoir to blend two standby wells	2002	\$750,000
	L	C	4954	Calistoga, City of	2810002	006	Improve mixing and filtration; add coagulant system.	2000	\$200,000
	L	C	4834	Northern Calif Youth Corr. Center	3910802	001	ESTABLISH CONNECTION WITH CITY OF STOCKTON OTHER = DESIGN AND CONSTRUCTION	1998	\$780,000
	L	C	4046	Coachella VWD: I.D. NO. 10	3310063	003	Abandon existing wells and drill new wells 2 miles west of existing wells, in and area where arsenic levels are less than 10 ppb, install a transmission main and an elevated reservoir to serve the area.	2003	\$5,000,000
	L	C	4046	Coachella VWD: I.D. NO. 10	3310063	001	Feasibility study to evaluate alternatives and determine the most cost effective and efficient solution for providing a long term, reliable source of water to this area.	2003	\$200,000
	L	C	4046	Coachella VWD: I.D. NO. 10	3310063	002	Replace groundwater wells with a canal water treatment system to treat canal water to drinking water standards in order to serve to customers for potable water purposes. (Install a surface water treatment plant.)	2003	\$5,000,000
	L	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	012	Construct treatment facilities	1998	\$140,000
	L	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	008	Modify existing facilities to meet the new MCLs	2002	\$2,000,000
	L	C	3300	Glenshire Mutual Water Company	2910036	001	Install package treatment plant with piping for waste requirements. Involves design and construction.	1998	\$0
	L	C	2500	Pine Valley Mutual WC	3710039	005	Treatment facilities for removal of radon gas from drinking water.	2000	\$1,000,000
	L	C	2244	SO CA WATER CO - MORONGO DEL SUR	3610063	001	Construct treatment facilities	1998	\$250,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	L	C	2178	Coachella VWD: I.D. NO. 11	1310011	003	Drill new well sites north of the existing ID # 11 well field. Future ID # 11 wells to provide water to the existing 1310017	2002	\$2,000,000
	L	C	2178	Coachella VWD: I.D. NO. 11	1310011	002	Feasibility study to look at various alternatives and determine the most cost effective and efficient solution for providing a long term, reliable source of water to this area.	2002	\$200,000
	L	C	2178	Coachella VWD: I.D. NO. 11	1310011	001	Install 13 miles of transmission line from the Valerte Jean area adjacent to the existing Highway 86 south to the county line and connect to the existing 1310017	2002	\$4,000,000
	L	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	007	Review treatment options, construct treatment facilities	2003	\$200,000
	L	C	1700	WARRING WATER SERVICE INC	5610021	001	Drill a replacement well.	1998	\$150,000
	L	C	1488	SO CA WATER CO-VICTORVILLE 5	3610105	001	Construct intertie to increase source capacity	1998	\$120,000
	L	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199	003	Design and construct a 5000 gpm UV well head treatment facility	2001	\$5,000,000
	L	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199	004	Install VOC removal system - Air Stripping Tower with GAC off gas treatment system	2001	\$1,500,000
	L	C	897	Descanso Community WD	3710009	002	Design and installation of 150 gpm capacity iron/manganese filtration facilities at each of two well sites.	2003	\$500,000
	L	C	870	So Calif WC-Mor Del Norte	3600270	001	Construct treatment facilities	1998	\$150,000
	L	C	845	CWS UPPER BODFISH WATER COMPANY	1510026	001	DRILL AND EQUIP A NEW WELL AND/OR INSTALL TREATMENT FACILITIES SUCH AS AERATION AND NANO-FILTRATION AT EXISTING FACILITIES. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
	L	C	600	San Francisco Regional Water System	3810001	052	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharge to the environment.	1998	\$750,000
	L	C	600	San Francisco Regional Water System	3810001	074	Convert system disinfectant to chloramines. Construct dechloration facilities for discharge to the environment.	1998	\$2,700,000
	L	C	600	San Francisco Regional Water System	3810001	051	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharges to the environment.	1999	\$32,345,000
	L	C	550	ARROWBEAR PARK CWD	3610110	002	Construct treatment facility	1998	\$350,000
	L	C	500	PLEASANTIMES MUTUAL WATER CO.	0707576	002	Treatment	2002	\$100,000
	L	C	204	MUSTANG MUTUAL WATER SYSTEM	1500555	001	WATER TREATMENT OR CONNECT TO ANOTHER SYSTEM	1999	\$200,000
	L	C	130	AERIAL ACRES WATER SYSTEM	1500405	001	Blending or treatment, design and construction	2000	\$220,000
	L	C	100	C.C.W.D. Sheep Ranch	0510004	001	Replace mixed media filtration with membrane filter. Modify disinfection to use ozone or UV as primary disinfectant.	2003	\$640,000
	L	C	99	Coachella VWD: I.D. NO. 17	3310050	001	Install arsenic treatment plant to treat existing ID No. 17 well to ensure arsenic levels do not exceed EPA's recommended safety margin of 80% of the anticipated arsenic MCL of 10 ppb. Also, treat future ID No. 11 wells as part of system consolidation b	2003	\$3,000,000
	L	C	50	SCHWEIKART WATER SYSTEM	1502545	001	RUN 2 MILES OF 12" MAINLINE AND CONSOLIDATE TO VAUGHN WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1999	\$260,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	L	C	0	LOPEZ PROJECT	4010022	004	Study & develop an enhanced coagulation program designed to achieve DBPR compliance	1998	\$100,000
	L	C	0	CASTAIC LAKE WATER AGENCY	1910048	001	REPIPE EFFLUENT TO CREATE FLOWTHROUGH CLEARWELLS. THE CURRENT PIPE WILL BECOME AN INFLUENT LINE, AND A NEW 54" PIPELINE WILL CONVEY THE EFFLUENT TO THE SYSTEM. THIS WILL MINIMIZE THM'S.	1998	\$1,000,000
	L	C	0	CASTAIC LAKE WATER AGENCY	1910048	005	CONVERT THE EARL SCHMIDT FILTRATION PLANT TO AN OZONATION PLANT. OZONATION COMBINED WITH BIOLOGICALLY ACTIVE FILTRATION AND FREE CHLORINATION LOWERED THM'S BY 20% AT CLWA'S RIO VISTA TREATMENT PLANT, WHICH TREATS THE SAME WATER AS THE EARL SCHMIDT P	1998	\$1,000,000
	L	C	0	COVINA IRRIGATION CO.	1910128	002	CONVERSION TO OZONE SYSTEM	1998	\$1,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019	001	Basin wide treatment and distribution facilities	1998	\$20,000,000
	L	C	0	Santa Clara Valley Water District	4310027	003	Need to change the current treatment to one using ferric chloride as the primary coagulant.	1998	\$7,400,000
	L	C	0	Santa Clara Valley Water District	4310027	002	Solution to the problem requires the construction of a settled water ozone system using LOX as feed gas and sulfuric acid and hydrogen peroxide for bromate control, with fine bubble diffusion ozone contactors followed by GAC filtration.	1998	\$58,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019	002	Basin wide treatment and distribution facilities	1999	\$20,000,000
	L	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053	003	INSTALL AMMONIA FEED SYSTEMS AT ONE WATER TREATMENT PLANT	1999	\$187,500
	L	C	0	THREE VALLEYS MWD	1910041	004	INSTALL OZONATION PLANT FOR OZONE DISINFECTION.	1999	\$10,000,000
	L	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045	002	INSTALL AMMONIA FEED SYSTEMS AT THREE WATER TREATMENT PLANTS	1999	\$562,500
	L	C	0	UNITED WTR CONS DIST	5610046	003	Construct RO plant at El Rio facility, 25 mgd.	1999	\$18,500,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019	003	Basin wide treatment and distribution facilities	2000	\$20,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019	004	Basin wide treatment and distribution facilities	2001	\$20,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019	005	Basin wide treatment and distribution facilities	2002	\$20,000,000
	L	P	575	MOSS LANDING SCHOOL	2700598	001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	400	ECHO VALLEY SCHOOL	2700552	001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	250	WASHINGTON UNION SCHOOL	2701221	001	Install a corrosion control treatmetn unit	2000	\$80,000
	L	P	250	EL CAMINO HIGH SCHOOL	2702490	001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	200	Salmon Creek Middle School	4901168	001	Upgrade treatment facilities	2002	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	L	P	95	CAPTAIN COOPER SCHOOL	2702322	005	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	90	EDNA BEAMAN ELEMENTARY SCHOOL	2600568	001	Drill new well	1998	\$150,000
	L	P	75	SAN ARDO MOBIL OIL FIELDS	2701187	001	Consolidate with Ambler Park Water System (2710006)	2000	\$80,000
	L	P	39	BRADLEY UNION SCHOOL	2700964	001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	37	FULL CIRCLE PROGRAMS, INC.	2100575	002	Install Hydrotech 100 gpd TFC Reverse Osmosis System with Pre-Filters and Post Filters, Storage tank.	1999	\$5,000
	L	N	125	SUNRISE WMD	3400344	003	Perform an engineering study to identify a permanent replacement source for the contaminated wells.	1998	\$150,000
	L	N	125	SUNRISE WMD	3400344	001	Design and construct a one million gallon storage tank and booster station.	1998	\$1,000,000
	L	N	125	SUNRISE WMD	3400344	002	Perform a pilot study to test alternative potential well-head treatment methods for the removal of perchlorate.	1998	\$150,000
M	C	1300000	East Bay MUD		0110005	008	INSTALL RESERVOIR OVERFLOW SCREENS. IMPROVE RESERVOIR SAMPLING AND CHLORINATION FACILITIES.	1998	\$2,500,000
M	C	1300000	East Bay MUD		0110005	007	Modifying Piedmont, Summit and Estates Reservoir roofs. Remove the decorative pond. Double contaminant and inspection and testing of non-potable structures will be provided.	1998	\$1,134,000
M	C	1300000	East Bay MUD		0110005	023	Rebuild one filter at Upper San Leandron Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs and the addition of air scour.	2002	\$472,000
M	C	1300000	East Bay MUD		0110005	024	Rebuild 4 filters at the Sobrante Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs, and the addition of air scour.	2002	\$3,000,000
M	C	1300000	East Bay MUD		0110005	027	New Hypochlorite pumps will be installed in the existing disinfection systems to improve reliability as a result of this project.	2003	\$700,000
M	C	1300000	East Bay MUD		0110005	025	Rebuild nine filters at Upper San Leandro Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs ad the addition of air scour.	2003	\$3,275,000
M	C	1300000	East Bay MUD		0110005	026	Replace forty valves at Upper San Leandro Water Treatment Plant. These valves include 20" filter valves, 20" washwater valves and 8" re-wash valves.	2003	\$1,700,000
M	C	1223400	San Diego - City of		3710020	008	Replacement of the 10 million gallon concrete reservoir with two 5 million gallon prestressed circular concrete reservoirs.	2003	\$7,959,000
M	C	1223400	San Diego - City of		3710020	026	Replacing or rehab 14400 linear feet of existing 51 inch pipe on Mira Mesa Boulevard.	2003	\$15,033,000
M	C	1223400	San Diego - City of		3710020	005	Safety, sanitation, appurtenance, exterior and interior surface restoration, cathodic protection, and structural improvements to the 5.2 million gallon tank.	2003	\$1,484,000
M	C	1223400	San Diego - City of		3710020	027	Replace and rehab 12470 linear feet of existing 51 inch cylinder pipe on Mira Mesa Boulevard.	2003	\$15,000,000
M	C	1223400	San Diego - City of		3710020	053	Replace about 5600 linear feet of 16 inch cast iron water main.	2003	\$4,570,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	1223400	San Diego - City of	3710020	057	The RB pump station upgrade project includes the addition of pumping capacity to the existing 25 mgd capacity pump station.	2003	\$3,552,000
	M	C	1223400	San Diego - City of	3710020	055	Demolish 30 million gallon clearwell no. 2 and replace with new prestressed concrete tanks which complies with current seismic code.	2004	\$20,000,000
	M	C	979000	San Jose Water Company	4310011	003	Replace 20 miles of aging water mains.	1998	\$20,000,000
	M	C	458000	Eastern Municipal WD	3310009	028	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$936,000
	M	C	458000	Eastern Municipal WD	3310009	001	Study and upgrade the distribution system and investigate the feasibility of reactivating the nitrate wellhead treatment system. Install proper controls and upgrade piping and instrumentation.	1998	\$1,000,000
	M	C	458000	Eastern Municipal WD	3310009	035	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$911,000
	M	C	458000	Eastern Municipal WD	3310009	033	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$381,000
	M	C	458000	Eastern Municipal WD	3310009	034	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$710,000
	M	C	458000	Eastern Municipal WD	3310009	029	Install cathodic protection and bond all pipe joints.	1998	\$778,600
	M	C	458000	Eastern Municipal WD	3310009	007	Construct a 1.0 MG finished water tank.	1998	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	032	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$296,000
	M	C	458000	Eastern Municipal WD	3310009	030	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$991,000
	M	C	458000	Eastern Municipal WD	3310009	031	Install cathodic protection on this pipeline.	1998	\$123,000
	M	C	458000	Eastern Municipal WD	3310009	008	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1998	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	015	Construct a 3.4 MG finished water tank.	1998	\$2,730,800
	M	C	458000	Eastern Municipal WD	3310009	027	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$630,000
	M	C	458000	Eastern Municipal WD	3310009	022	Develop an annual program for replacements of these pipeline and valves.	1998	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	009	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1999	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	049	Replace these CML&C pipes with PVC and where necessary upgrade undersized pipe.	1999	\$172,000
	M	C	458000	Eastern Municipal WD	3310009	048	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1999	\$360,000
	M	C	458000	Eastern Municipal WD	3310009	050	Replace leaky section of CML&C pipe with PVC.	1999	\$1,020,000
	M	C	458000	Eastern Municipal WD	3310009	023	Develop an annual program for replacements of these pipeline and valves.	1999	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	024	Develop an annual program for replacements of these pipeline and valves.	2000	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	010	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2000	\$500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	458000	Eastern Municipal WD	3310009	011	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2001	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	025	Develop an annual program for replacements of these pipeline and valves.	2001	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	012	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2002	\$500,000
	M	C	458000	Eastern Municipal WD	3310009	026	Develop an annual program for replacements of these pipeline and valves.	2002	\$500,000
	M	C	438000	FRESNO, CITY OF	1010007	003	CONSTRUCTION OF NEW MAINS AND TRANSFER OF SERVICES TO NEW MAINS.	1998	\$574,600
	M	C	438000	FRESNO, CITY OF	1010007	009	Construction of new water mains in public street right-of-ways.	2003	\$600,000
	M	C	400600	Sacramento, City of	3410020	015	Provide additional standby power by installing a new engine-generator. Involves refinancing, design and construction.	1998	\$100,000
	M	C	400600	Sacramento, City of	3410020	007	Install a new engine-generator for additional standby power. Involves refinance, design and construction.	1998	\$100,000
	M	C	400600	Sacramento, City of	3410020	013	Provide new treated water pump station and connecting piping. Involves design and construction.	1998	\$20,000,000
	M	C	400600	Sacramento, City of	3410020	016	Repair cracks and place a concrete coating on the slab and wall surfaces.	1998	\$500,000
	M	C	400600	Sacramento, City of	3410020	003	Conduct a cross-connection program survey. Data will be used to establish a priority list for backflow assembly.	1998	\$131,500
	M	C	400600	Sacramento, City of	3410020	022	Isolate South Sac as single pressure zone. Modify Florin Reservoir Pump Station to increase discharge head. Construct groundwater well to help supply peak demand. Involves refinancing and construction.	1998	\$306,000
	M	C	400600	Sacramento, City of	3410020	014	Install a new 60-inch steel interconnecting pipe. Involves refinancing and construction.	1998	\$100,000
	M	C	334900	City of Anaheim	3010001	003	Replace or reline the unlined cast iron pipes in phases over a five year period.	1998	\$9,600,000
	M	C	334900	City of Anaheim	3010001	001	Abandon the six existing wells that draw from the swallow aquifer and construct six replacement wells that will draw from the deeper aquifers. The project will be completed in phases over a 5 year period .	1998	\$1,020,000
	M	C	200000	Contra Costa Water District	0710003	008	Replace mains on a prioritized basis.	1998	\$2,000,000
	M	C	200000	Contra Costa Water District	0710003	003	Construction of a new 48-inch diameter pipeline parallel to the existing pipeline and a new inlet structure.	1998	\$1,700,000
	M	C	200000	Contra Costa Water District	0710003	006	Plan, design and construct structural improvements.	1998	\$7,000,000
	M	C	200000	Contra Costa Water District	0710003	007	Nineteen storage projects will be implemented over a ten year period to severe existing customers.	1998	\$40,600,000
	M	C	200000	Contra Costa Water District	0710003	015	Replace existing pipes which experience significant leak repair incidents; or undersized fire flow and distribution capacity; relocation of existing pipelines as legally required.	2000	\$9,844,000
	M	C	199300	City of Huntington Beach	3010053	004	To construct emergency back-up systems for Well nos. : 5, 6, 9, 10, and 1. Also Emergency generator for Dyke Well(electric well)	1998	\$400,000
	M	C	199300	City of Huntington Beach	3010053	003	Installation of water treatment facilities at these well sites (possibly ozone or RO systems) should reduce or eliminate these problems.	1998	\$5,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	199300	City of Huntington Beach	3010053	008	Modify the existing facilities and systems to meet code requirements and the City's standardized system wide chlorination requirements for existing and new facilities.	1998	\$900,000
	M	C	199300	City of Huntington Beach	3010053	006	To develop additional reservoir facilities City-wide to make up the shortage of water storage capacity. This project will add approximately 10.4 million gall. of storage capacity, booster pump connection to the transmission main at a new reservoir si	1998	\$10,000,000
	M	C	199300	City of Huntington Beach	3010053	001	Water main replacement projects to replace old and deficient pipelines at various locations throughout the City.	1998	\$2,000,000
	M	C	199300	City of Huntington Beach	3010053	009	Construct a replacement well facility . Proposed Well No. 12 is located in the vicinity of Peck Reservoir, where it is anticipated the water will be stored.	1998	\$2,000,000
	M	C	199300	City of Huntington Beach	3010053	005	Construct flouridation system for two of the facilities (No 9 and No 44) and modify the existing facility (No35) to meet current requirements.	1998	\$600,000
	M	C	199300	City of Huntington Beach	3010053	007	Undertake structural improvements to bring the facility up to seismic standards.	1998	\$3,000,000
	M	C	180000	Marin Municipal Water District	2110002	002	Replace floating cover and configuration.	1999	\$1,000,000
	M	C	180000	Marin Municipal Water District	2110002	001	replace any average two tanks a year. With other types of storage,	2003	\$3,000,000
	M	C	164554	SCWC - SOUTHWEST	1910155	005	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER	1998	\$1,000,000
	M	C	164554	SCWC - SOUTHWEST	1910155	014	EQUIP THE WELL, INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	M	C	164554	SCWC - SOUTHWEST	1910155	001	REPLACE WATER MAINS IN CRITICAL AREAS.	1998	\$3,575,000
	M	C	164554	SCWC - SOUTHWEST	1910155	008	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	M	C	164554	SCWC - SOUTHWEST	1910155	006	INSTALL CHLORINATION TURNOUTS AT 12 MWD CONNECTIONS	1998	\$180,000
	M	C	164554	SCWC - SOUTHWEST	1910155	007	CEMENT LINING WATER MAINS IN CRITICAL AREAS	1998	\$1,000,000
	M	C	160753	Oceanside, City of	3710014	001	Construction of a 6.3 MGD desalting facility using RO.	1998	\$7,500,000
	M	C	160753	Oceanside, City of	3710014	004	Galbar St. water line is the solution to alleviate low pressure problems and reduce the need for a pump station.	1998	\$500,000
	M	C	160753	Oceanside, City of	3710014	005	Areas 4, 5, and 6 pipeline replacement with larger line and modern materials will eliminate the fire flow and leakage problems.	1998	\$850,000
	M	C	160753	Oceanside, City of	3710014	002	Design and construction of replacement water lines in Areas 1 and 13 to increase size upgrade materials.	1999	\$1,300,000
	M	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	004	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE (FOR NITRATE) AND AIR STRIPPING (FOR TCE) TECHNOLOGIES	1998	\$3,500,000
	M	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	003	CONSTRUCT TREATMENT FACILITY USING AIR STRIPPING TECHNOLOGY	1998	\$1,000,000
	M	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	001	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE NORTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$1,250,000
	M	C	157188	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039	002	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE SOUTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$850,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	005	REPLACEMENT OF THE 0.4MG TANK WITH A 1.5 MG RESERVOIR (RESERVOIR 1B).	1998	\$510,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	007	INSTALL GAC TREATMENT VESSEL	1998	\$100,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	006	DRILL A NEW HIGH CAPACITY WELL FROM DEEPER AQUIFER	1999	\$350,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	004	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2000	\$1,200,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	002	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2001	\$1,200,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036	001	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2002	\$1,200,000
	M	C	153200	Moulton Niguel Water District	3010073	005		1998	\$2,500
	M	C	153200	Moulton Niguel Water District	3010073	008	Drill two wells to provide up to 2 cfs of water for health and safety demands during a long term outage.	1999	\$2,300,000
	M	C	153200	Moulton Niguel Water District	3010073	001	Construct 100 million gallon drinking water storage facility	2000	\$45,000,000
	M	C	153200	Moulton Niguel Water District	3010073	002	Replace easement pipelines with ductile iron pipe with restraint joints, increasing reliability.	2001	\$3,000,000
	M	C	153200	Moulton Niguel Water District	3010073	004	Constructing a new parallel sewer forceman in Crown Valley Parkway.	2001	\$2,000,000
	M	C	153200	Moulton Niguel Water District	3010073	006	Construction of a new 16-inch parallel pipeline in Crown Valley Parkway.	2001	\$4,000,000
	M	C	153200	Moulton Niguel Water District	3010073	003	Construction of a new 24" forcemain in a new safe location.	2001	\$3,000,000
	M	C	150000	POMONA- CITY, WATER DEPT.	1910126	007	MANIFOLD PIPELINE WAS CONSTRUCTED TO GATHER NITRATE LADEN WATER FROM VARIOUS WELL SITES TO THE ANION EXCHANGE NITRATE REMOVAL FACILITY.	1998	\$576,000
	M	C	150000	POMONA- CITY, WATER DEPT.	1910126	002	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$222,000
	M	C	150000	POMONA- CITY, WATER DEPT.	1910126	008	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$160,000
	M	C	150000	POMONA- CITY, WATER DEPT.	1910126	003	INSTALL AIR STRIPPERS	2000	\$209,500
	M	C	143000	Santa Margarita Water District	3010101	001	Design and construction of new wells, treatment facilities, storage tank and piping systems to serve public and private systems along upper San Juan Creek area.	1998	\$6,460,000
	M	C	142500	PASADENA-CITY, WATER DEPT.	1910124	001	REPLACE WITH A NEW, BURIED, POST-TENSIONED 7.5 MG CONCRETE RESERVOIR AND MAKE NECESSARY CHANGES TO THE DISTRIBUTION SYSTEM AT THE RESERVOIR SITE.	1998	\$5,500,000
	M	C	135000	SAN BERNARDINO CITY	3610039	002	Construct 4000 ft Devore transmission main to replace existing 16 inch line built in 1940	1998	\$315,000
	M	C	135000	SAN BERNARDINO CITY	3610039	005	Replace 12 inch 'E' Street main with 24 inch	1999	\$240,000
	M	C	135000	SAN BERNARDINO CITY	3610039	004	Replace 20 inch Baseline main with 36 inch	1999	\$950,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	135000	SAN BERNARDINO CITY	3610039	007	Replace 16 inch Meridian main with 24 inch	2000	\$750,000
	M	C	135000	SAN BERNARDINO CITY	3610039	008	Replace 16 inch Cajon Canyon well field line built in the 1920's with a 24 inch	2000	\$750,000
	M	C	135000	SAN BERNARDINO CITY	3610039	006	Replace 12 inch Foothill Blvd main with 16 inch	2000	\$450,000
	M	C	135000	SAN BERNARDINO CITY	3610039	010	Construct Scott Laboratories 4.5 MG reservoir	2001	\$2,250,000
	M	C	135000	SAN BERNARDINO CITY	3610039	012	Construct 2 MG Ogdon reservoir	2001	\$1,000,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	003	PHASE 1 OF 3: CONSTRUCT A 1 MG CONCRETE RESERVOIR	1998	\$950,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	001	DRILL A 2000 GPM REPLACEMENT WELL	1998	\$975,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	002	DRILL A 3500 GPM WELL TO REPLACE LOST CAPACITY	1999	\$990,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	004	PHASE 2 OF 3: DEMOLITION OF THE EXISTING RESERVOIR AND CONSTRUCTION OF A NEW 2 MG CONCRETE RESERVOIR	1999	\$980,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	006	PHASE 1 OF 2: DEMOLITION AND GRADING	2000	\$700,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	005	PHASE 3 OF 3: SITE WORK SUCH AS DRIVEWAYS AND TREES TO COMPLETE PROJECT	2000	\$350,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	007	PHASE 2 OF 2: CONSTRUCTION AND SITE WORK	2001	\$900,000
	M	C	127800	Escondido, City of	3710006	005	Construct new reservoir (3 MG) and pipelines and booster PS.	1998	\$3,100,000
	M	C	127800	Escondido, City of	3710006	002	Design and construct replacement	1998	\$1,750,000
	M	C	127800	Escondido, City of	3710006	006	Rehabilitate reservoir rather than new. Replace inlet/outlet lines.	1998	\$750,000
	M	C	127800	Escondido, City of	3710006	001	Design and construct new 24" transmission main to reservoir.	1999	\$2,750,000
	M	C	126800	City of Fullerton	3010010	007	Pipeline replacement	1998	\$8,063,750
	M	C	126800	City of Fullerton	3010010	005	Seal the lower well screens with concrete.	1998	\$40,000
	M	C	126800	City of Fullerton	3010010	003	Design and construction of water mains .	1998	\$1,075,500
	M	C	126800	City of Fullerton	3010010	006	Upgrade booster station at Lower Acacia Reservoir to provide required flow to upper regions of Zone 3. Add additional pump at Reservoir 2B to boost Zone 3 pressure during high demand times. Construct 5000 feet of 16 inch main in Brea Blvd.	1999	\$804,000
	M	C	126800	City of Fullerton	3010010	004	Install two sections of 16-inch water main	1999	\$1,060,000
	M	C	126800	City of Fullerton	3010010	002	Abandon this well and construct a new well and wellhead facilities at the same site or nearby.	2000	\$1,600,000
	M	C	126800	City of Fullerton	3010010	008	The City is proposing to demolish the existing Hillcrest Reservoir and construct a new reservoir at the same site.	2000	\$7,700,000
	M	C	126800	City of Fullerton	3010010	001	Construct a new well an wellhead facilities (including treatment) in the North end of the City of Fullerton's service area	2001	\$2,300,000
	M	C	120000	INGLEWOOD- CITY, WATER DEPT.	1910051	001	DEMOLISH THE EXISTING RESERVOIR AND RECONSTRUCT THREE 5.3 MG PRESTRESSED CONCRETE RESERVOIRS.	1998	\$10,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	001	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	002	Construct additional transmission line with intertie to adjacent utility	1998	\$1,250,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	005	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	006	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	007	Construct treatment facility	1999	\$2,000,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	008	Construct treatment facility	1999	\$2,000,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	009	Construct treatment facility	1999	\$2,000,000
	M	C	111000	Stockton, City of	3910012	003	Pipeline connecting the City of Stockton South to Stockton East Water District Surface Water Treatment Plant	2001	\$4,950,000
	M	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	003	CONSTRUCT 15,800' OF 36" WATER MAIN	1999	\$4,300,000
	M	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	004	CONSTRUCT A NEW WELL AND BLEND ITS WATER WITH THE SHUT DOWN WELLS INTO A NEW FOREBAY TANK	1999	\$400,000
	M	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	005	CONSTRUCT 2 NEW 500' WELLS NEAR EXISTING WELLS	2001	\$816,000
	M	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	006	CONSTRUCT 3 NEW 500' WELLS NEAR EXISTING WELLS	2002	\$1,224,000
	M	C	105600	Mesa Consolidated WD	3010004	007	Replace 12" line on 19th street.	1998	\$1,200,000
	M	C	105600	Mesa Consolidated WD	3010004	001	Construction of a treatment facility which treats this water with ozone and micorfiltration to meet standards.	1998	\$16,000,000
	M	C	105600	Mesa Consolidated WD	3010004	010	Replace 16" line on Baker	1998	\$2,760,000
	M	C	105600	Mesa Consolidated WD	3010004	005	Replace 8" line on 18th Street.	1998	\$520,000
	M	C	105600	Mesa Consolidated WD	3010004	019	Replace 12" line on Harbor Blvd	1998	\$3,180,000
	M	C	105600	Mesa Consolidated WD	3010004	021	Replace 6" line on Meyer	1998	\$397,500
	M	C	105600	Mesa Consolidated WD	3010004	027	Installations of a second service line off a second distribution main to allow for uninterrupted service.	1998	\$325,000
	M	C	105600	Mesa Consolidated WD	3010004	023	Construct a 6" tie in line at Pamela and Wilson.	1998	\$15,000
	M	C	105600	Mesa Consolidated WD	3010004	011	Installation of bypass meters to those customers who should not have their service interrupted.	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004	017	Replace the 8" line on Fairview	1998	\$80,000
	M	C	105600	Mesa Consolidated WD	3010004	006	Replacement of main.	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004	009	Replace 12" line on Adams	1998	\$1,260,000
	M	C	105600	Mesa Consolidated WD	3010004	026	Construction of 5 interies at 23rd and Newport , Kemp reservoir and Wilson, Santa Ana & Mesa, Santa Isabel & Tustin and Monte Vista & Santa Ana	1998	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	105600	Mesa Consolidated WD	3010004	030	Installation of a storm drain on 23rd Street, and an overflow line from the reservoir.	1998	\$3,000,000
	M	C	105600	Mesa Consolidated WD	3010004	024	Replace the 14" line on Placentia	1998	\$1,645,000
	M	C	105600	Mesa Consolidated WD	3010004	014	Replace 12" line on Fairview	1998	\$810,000
	M	C	105600	Mesa Consolidated WD	3010004	028	Replace 10" line on Village	1998	\$887,500
	M	C	105600	Mesa Consolidated WD	3010004	008	Replace 16" line on Placentia	1998	\$1,960,000
	M	C	105600	Mesa Consolidated WD	3010004	029	Replace the 8" line on Wallace	1998	\$530,000
	M	C	105600	Mesa Consolidated WD	3010004	018	Replace 4" line on Gisler	1998	\$172,500
	M	C	105600	Mesa Consolidated WD	3010004	020	Replacement of the main	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004	022	Replace 12" line on Monterey	1998	\$285,000
	M	C	105600	Mesa Consolidated WD	3010004	002	Replace ozone generators and Contractors.	1998	\$1,500,000
	M	C	105600	Mesa Consolidated WD	3010004	016	Replace 8" line on Fairview.	1998	\$90,000
	M	C	105600	Mesa Consolidated WD	3010004	004	Replace it with a new well producing clear water	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004	013	Replacement of the main	1998	\$40,000
	M	C	105600	Mesa Consolidated WD	3010004	015	Replace 18" line on Fairview	1998	\$1,957,500
	M	C	104200	Southern Calif WC - West Orange	3010022	001	Study the need to install chloramination facilities.	1998	\$85,000
	M	C	103616	AZUSA LIGHT AND WATER	1910007	004	Repair approx. 325 linear feet of cracks in the reservoir wall. Sandblast interior walls - Sandblast exterior surface and apply new stucco coat.	1998	\$180,000
	M	C	103616	AZUSA LIGHT AND WATER	1910007	007	Install transfer switches for all active wells and electric booster pumps.	1998	\$130,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017	009	Design and construct improvements to remove 5 common inlet and outlet tanks or other means to increase mixing in tanks. Purchase 2 potable chlorine disinfection trailers for emergency response.	2003	\$507,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017	010	Design and construct, new Saticoy well #3, connect pipelines, upgrade and expand existing Saticoy Fe & Mn TP from 4 MGD to 8 MGD.	2003	\$4,735,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017	011	Design and Construct 8,400 linear feet of 18-inch diameter water transmission pipeline from Main/Callens Road to Telephone/Victoria Ave. Connect existing 18-inch 330 pipeline to existing 30-inch 330 mainline.	2003	\$1,818,000
	M	C	102361	City of Santa Clara	4310012	001	Demolish and reconstruct 11 well heads.	1998	\$1,275,000
	M	C	102361	City of Santa Clara	4310012	002	Purchase and install ground motion sensors and motor activated valves at seven tank outlets. This will include ancillary pipe reconstruction and SCADA expansion.	1998	\$1,050,000
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034	003	Designed and constructed 12 inch water distribution mains.	1998	\$223,263
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034	002	Designed and constructed 12 inch water distribution mains.	1998	\$42,100
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034	001	Designed and constructed 12 inch water distribution mains.	1998	\$414,529
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034	004	Designed and constructed 12 inch water distribution mains.	1998	\$121,851

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	100000	TORRANCE-CITY, WATER DEPT.	1910213	004	Institute a phased pipeline improvement program to replace pipelines having a history of frequent breaks, are beyond their useful life or are failing due to other external factors such as ccorrosive soils. Project involves: Design, and Construction	1998	\$13,208,000
	M	C	100000	TORRANCE-CITY, WATER DEPT.	1910213	001	Construct a new above-grade pumping station that complies with current OSHA safety requirements and provides more groundwater pumping capacity. Project involves: Design, and Construction	1998	\$1,240,000
	M	C	98000	WALNUT VALLEY WATER DISTRICT	1910234	001	INSTALL NEW PIPING AND VALVES AT THE RESERVOIR SITES TO FORCE FLOW-THROUGH AND KEEP WATER FRESH	1998	\$1,418,000
	M	C	98000	WALNUT VALLEY WATER DISTRICT	1910234	002	INSTALL CORRECTLY SIZED BLOW-OFF FACILITIES, REMOVE DEAD-END MAINS THAT SERVE NO PURPOSE.	1998	\$348,000
	M	C	94150	CWSC Salinas	2710010	001	Install GAC treatment.	1999	\$400,000
	M	C	94150	CWSC Salinas	2710010	002	Design and construct treatment facilities.	2000	\$1,500,000
	M	C	94150	CWSC Salinas	2710010	003	Design and construct treatment facilities.	2002	\$1,500,000
	M	C	92826	SANTA BARBARA WATER DISTRICT	4210010	003	Provide covered reservoir storage	2001	\$4,000,000
	M	C	89212	PALMDALE WATER DIST.	1910102	007	Enclose approximately 2000 feet of Palmdale Ditch between Barrel Springs Road and Palmdale Reservoir adjacent to existing development.	1998	\$600,000
	M	C	89212	PALMDALE WATER DIST.	1910102	001	Replace leased lines with broad-spectrum radio communication.	1998	\$180,000
	M	C	89212	PALMDALE WATER DIST.	1910102	006	Enclose approximately 1000 feet of Palmdale Ditch adjacent to an existing trailer park. Project involves: Design to solve problem, and Construction	1999	\$300,000
	M	C	86200	City of Westminster	3010064	003	Perform a seismic study of Reservoir 1 and Reservoir 2.	1998	\$100,000
	M	C	86200	City of Westminster	3010064	010	Replace approx 18,380 feet of 4" water main lines with 8" water main lines to improve water flow and pressure.	1998	\$2,678,877
	M	C	86200	City of Westminster	3010064	011	Replace 750 leaking and inoperable water main line valces over a five year period.	1998	\$450,000
	M	C	86200	City of Westminster	3010064	001	Install new 12" pipe to improve flow and loop the water system .	2000	\$50,000
	M	C	86200	City of Westminster	3010064	013	Replace gaseous chlorine with on- site chlorine generating stations at 9 well sites and 2 pumping stations thus eliminating the accidental release of chlorine gas.	2000	\$330,000
	M	C	86200	City of Westminster	3010064	006	Install a SCADA system to improve pressure system wide, accommodate MWD MWD OC and OCWD, and to assist in the "Seasonal Storage Program".	2000	\$200,000
	M	C	86200	City of Westminster	3010064	014	Construct two above-ground steel storage tanks, pumphouse, and associated water lines. Since the proposed project site is on a 2.56 acre, there is space available for construction of a new well.	2001	\$5,600,000
	M	C	86018	Elsinore Valley MWD	3310012	005	See attached sheet	1998	\$4,300,000
	M	C	76000	City of Mountain View	4310007	011	Upgrading older, smaller diameter, and deteriorating mains from 1993-1996.	1998	\$2,457,000
	M	C	76000	City of Mountain View	4310007	015	Design and construction of upgrades of pump station - variable frequency drive motors, automated controls, standby power, etc.	1998	\$1,749,000
	M	C	76000	City of Mountain View	4310007	006	Water main replacement throughout the water system.	1998	\$13,900,000
	M	C	76000	City of Mountain View	4310007	007	Prepare environmental and construction documents to install a new 2.1 million gallon reservoir.	1998	\$307,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	76000	City of Mountain View	4310007	008	Construction of a new 2.1 million gallon reservoir.	1998	\$2,200,000
	M	C	76000	City of Mountain View	4310007	014	Design and construction of upgrade of Miramonte pump station.	1998	\$852,000
	M	C	76000	City of Mountain View	4310007	001	Construction of the wells.	1998	\$1,100,000
	M	C	76000	City of Mountain View	4310007	002	Design and construct two new wells and one new reservoir to meet demand.	1998	\$110,000
	M	C	76000	City of Mountain View	4310007	003	Design and construction of well #21 for pressure zone 1 of water system.	1998	\$375,000
	M	C	76000	City of Mountain View	4310007	013	Installed automatic valves, a variable frequency drive, and a waste cycle at Well #9.	1998	\$170,000
	M	C	71100	CALIFORNIA WATER SERVICE CO. - PALOS VER	1910104	001	DESIGN AND CONSTRUCT A SECOND LIFT TRANSMISSION MAIN TO PROVIDE GREATER RELIABILITY OF THIS COMMUNITY'S WATER SUPPLY.	2000	\$3,200,000
	M	C	71000	PARK WC - BELLFLOWER-NORWALK	1910211	001	Preliminary and final design and construction of replacement well.	1999	\$1,180,000
	M	C	70600	Napa, City of	2810003	004	Construct new 4 MG treated water storage reservoir at the "A" tank site.	1999	\$2,000,000
	M	C	70600	Napa, City of	2810003	003	Construct new 5 MG treated water reservoir at the Napa State Hospital site.	2000	\$3,080,000
	M	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	004	In 1997, the City replaced the mains and services to upgrade the water pressure and improve service to the customers.	1998	\$130,700
	M	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	002	Design and construct a replacement storage facility of similar capacity to the existing structure.	2001	\$1,500,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	001	Replace mains with 8" D.I. and relocate to streets. Design, and Construction Project involves:	1998	\$700,000
	M	C	65000	LAS VIRGENES MWD	1910225	001	Evaluate the potential new pipe alignments and construct a permanent replacement pipeline. Project involves: Study, Design, and Construction	1998	\$1,500,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	004	Design and construct 12 inch D.I., 10,000 feet, replacement pipeline in Long Beach Blvd.	1999	\$1,600,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	002	Replace mains with 8" D.I. Project involves: Design, and Construction	1999	\$1,400,000
	M	C	65000	LAS VIRGENES MWD	1910225	002	Install approximately 4 - 5 miles of a replacement pipe in street right of way. Project involves: Study, Design, and Construction	2000	\$4,500,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	005	Replace mains with 8" D.I. Project involves: Design and Construction	2000	\$1,000,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	006	Replace main with 8" D.I. Project involves: Design and Construction	2001	\$1,200,000
	M	C	65000	COMPTON-CITY, WATER DEPT	1910026	007	Replace mains with 8" D.I. Project involves: Design and Construction	2002	\$1,800,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	63600	City of Tustin	3010046 004	Repairs will consist of installing a new top slab on the existing reservoir along with repairs to the columns and roof beams. A hypalon liner is proposed for the floor and side slopes of the reservoir after the existing roots have been removed and th	1998	\$670,000
	M	C	63600	City of Tustin	3010046 002	The City is proposing to construct a new concrete reservoir with a capacity of 7.0 MG	1998	\$6,600,000
	M	C	63600	City of Tustin	3010046 001	Removing soil from the roof and installation a waterproof cement based slurry on the roof deck. The columns will be repaired by providing additional ties, vertical reinforcement and concrete cover around the columns. Ret.walls will be removed and rep	1998	\$476,000
	M	C	62000	City of Palo Alto	4310009 002	Extend a SCVWD line from Mt. View to Palo Alto along the Foothill Expressway.	1998	\$3,000,000
	M	C	62000	City of Palo Alto	4310009 001	Replace water mains.	1998	\$2,200,200
	M	C	62000	City of Palo Alto	4310009 008	Contract a new intertie to Hetch-Hetchy Division tubes 3 & 4 to add second feed into Hospital Zone.	1998	\$1,800,000
	M	C	62000	City of Palo Alto	4310009 006	A two million gallon reservoir is needed to improve storage.	1998	\$4,000,000
	M	C	62000	City of Palo Alto	4310009 005	Construct a new return pipe from Montbello reservoir to pressure zone 1.	1998	\$2,000,000
	M	C	62000	City of Palo Alto	4310009 004	Install variable frequency drives and water treatment to connect wells to standby wells.	1998	\$1,200,000
	M	C	61000	VICTOR VALLEY WATER DISTRICT	3610052 001	Construct needed facilities to ensure compliance with Waterworks Standards.	1998	\$2,900,000
	M	C	58089	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 001	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	2001	\$950,000
	M	C	58089	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 002	PHASE 2 OF 2: CONSTRUCTION OF A NEW ROOF	2002	\$550,000
	M	C	57520	CWSC Los Altos Suburban	4310001 001	Design and construct a nitrate treatment facility and appropriate piping system.	1999	\$1,500,000
	M	C	57520	CWSC Los Altos Suburban	4310001 002	Design and construct a nitrate treatment facility and appropriate piping system.	2001	\$1,500,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 002	Build 3 reservoirs (total 8.7 million gallons) in 3 different pressure zones.	1998	\$7,600,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 001	Install 3 generators to partially operate system when primary power gone.	1998	\$670,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 003	Install SCADA system.	1998	\$935,000
	M	C	55000	City of Chino Hills	3610036 022	Project involves: Design to solve problem and Construction Modify booster B-1	1998	\$1,500,000
	M	C	55000	City of Chino Hills	3610036 024	Expand booster B-9 for backup capacity	1998	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 003	Replace undersized transmission line	1998	\$1,050,000
	M	C	55000	City of Chino Hills	3610036 023	Expand boosters B-5 and B-6 for backup capacity	1998	\$750,000
	M	C	55000	City of Chino Hills	3610036 012	Construct new 24inch main in Central Ave to increase capacity	1998	\$775,000
	M	C	55000	City of Chino Hills	3610036 011	Drill 8 to 14 new wells	1998	\$5,390,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	55000	City of Chino Hills	3610036 005	Construct 5 MG reservoir R21	1998	\$2,500,000
	M	C	55000	City of Chino Hills	3610036 010	Replace older transmission mains	1998	\$625,000
	M	C	55000	City of Chino Hills	3610036 001	Construct new 30 in mainline	1998	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 013	Construct new main to Reservoir R-19 and R-20	1998	\$475,000
	M	C	55000	City of Chino Hills	3610036 006	Construct reservoir R23	1998	\$1,125,000
	M	C	55000	City of Chino Hills	3610036 008	Construct new booster station to supply R21	1999	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 016	Construct new 24inch transmission line Schaefer Ave	1999	\$700,000
	M	C	55000	City of Chino Hills	3610036 014	Construct new main to Reservoir R-23	1999	\$65,000
	M	C	55000	City of Chino Hills	3610036 015	Construct 2 MG reservoir R22	2000	\$1,125,000
	M	C	55000	City of Chino Hills	3610036 009	Construct new booster station B-11	2000	\$3,125,000
	M	C	55000	City of Chino Hills	3610036 017	Modify existing booster station B-7	2000	\$1,625,000
	M	C	55000	City of Chino Hills	3610036 019	Upgrade Carbon Cyn PRV	2000	\$125,000
	M	C	55000	City of Chino Hills	3610036 020	Loop mainlines	2001	\$160,000
	M	C	55000	City of Chino Hills	3610036 018	Loop mainlines	2001	\$280,000
	M	C	55000	City of Chino Hills	3610036 021	Construct new main to supply R-22	2001	\$45,000
	M	C	53761	GLENDORA-CITY, WATER DEPT.	1910044 001	Utilize a VOC preliminary study to begin design and eventually construct a treatment facility to have the opportunity to pump from the main basin, offsetting import water costs. FY: 98/99 or 99/00	1998	\$800,000
	M	C	53761	GLENDORA-CITY, WATER DEPT.	1910044 002	Replace the 20" line with a 30" Ductile Iron line with greater volume and pressure for fire protection as well as providing more well water and less reliance on import treated.	1998	\$4,500,000
	M	C	53540	CALIFORNIA WATER SERVICE - LIVERMORE	0110003 001	Stations 10, 12, 17, and 19. Design and construct blending controls to assure proper operation of facilities, so that standards are met at all times.	1999	\$120,000
	M	C	53000	North Marin Water District	2110003 015	STUDY NEEDS, IMPLEMENT AS APPROPRIATE.	2001	\$100,000
	M	C	51988	SCWC-SAN DIMAS	1910142 001	REPLACE UNDERSIZED MAINS OVER A 2 YEARS PERIOD	1998	\$385,000
	M	C	51226	Arcade WD - Town & Country	3410001 003	Install booster pump station and 5 mg reservoir. Involves design and construction.	1998	\$3,000,000
	M	C	51226	Arcade WD - Town & Country	3410001 004	Install 7.2 mg water storage reservoir. Involves design and construction.	1998	\$3,500,000
	M	C	51226	Arcade WD - Town & Country	3410001 001	Construct large diameter connecting and transmission mains to allow water to be moved throughout system. Involves design and construction.	2000	\$14,200,000
	M	C	50700	El Toro Water District	3010079 004	Drilling wells and conveyance system	2001	\$4,500,000
	M	C	50700	El Toro Water District	3010079 005	Replacement of floating cover	2002	\$4,500,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009 002	Design and construct new piping to connect the affected Zone to the Morada Pressure Zone.	1998	\$250,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009 008	Construct a new 30 cfs MWD connection. involves: Design to solve problem, and Construction	1998	\$300,000

Project

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	50000	VALLEY COUNTY WATER DIST.	1910009	001	Design and construct new chlorination systems and containment buildings.	1998	\$225,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009	003	Design and construct one 3,000 gpm connection to the City of Azusa.	1998	\$250,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091	002	By equipping water wells with emergency power receptacles , portable generators could safely supply electrical power to the wells, which are the Districts only alternative to imported water.	1998	\$100,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091	003	Development of water supplies within LAWD , i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS for the purpose of providing a water supply for emergency use.	1998	\$500,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091	004	Development of water supplies within LAWD i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS.	1998	\$550,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009	004	Design and construct removal or blending facility for the Morada Well.	1999	\$750,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009	006	Construct new treatment facilities at each Well site to remove or blend nitrates, remove perchlorate, remove MtBE, and remove VOC's. Project involves: Study, Design, and Construction	1999	\$1,000,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091	005	Install emergency power generators at District's two key pump stations to move water from the LAWD emergency storage reservoirs to the upper hydraulic zones.	1999	\$200,000
	M	C	50000	VALLEY COUNTY WATER DIST.	1910009	007	Design and construct a new 3,500 gpm groundwater replacement well.	2000	\$550,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091	006	A study would have to be performed to determine the most efficient method of retrofitting the Baker Filtration Plant so that raw water could be treated to domestic quality meeting HD Standards.	2000	\$2,000,000
	M	C	49000	Olivenhain MWD	3710029	001	Olivinahain has completed all environmental studies and received all state and federal permits for 82 MGD plant. Pilot studies shall be commenced in early summer of 1997.	1998	\$30,000,000
	M	C	48960	SUBURBAN WATER SYSTEMS-LA MIRADA	1910059	001	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	1999	\$850,000
	M	C	48960	SUBURBAN WATER SYSTEMS-LA MIRADA	1910059	002	PHASE 2 OF 2: REPLACE ROOF	1999	\$850,000
	M	C	48500	CAL. AMERICAN WATER CO.-SAN MARINO	1910139	001	(See attached description, design report, and preliminary plans and specifications).	1998	\$600,000
	M	C	48500	CAL. AMERICAN WATER CO.-SAN MARINO	1910139	002	Design and construct GAC treatment plant and all other appurtenant piping and equipment.	2000	\$850,000
	M	C	48418	RIALTO-CITY	3610038	001	Construct new reservoir	1998	\$6,000,000
	M	C	48000	CITY OF COLTON	3610014	011	Replace and resize lines	1998	\$800,000
	M	C	48000	CITY OF COLTON	3610014	008	Construct 2 MG reservoir	1998	\$2,025,000
	M	C	48000	CITY OF COLTON	3610014	009	Construct 3 MG reservoir, transmission lines	1998	\$2,775,000
	M	C	48000	CITY OF COLTON	3610014	010	Replace 38k ft of line	1998	\$2,790,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	45000	Jurupa Community SD	3310021	006	Convert two wells used by Space Center Mira Loma, Inc. to municipal purposes.	1998	\$600,000
	M	C	45000	Jurupa Community SD	3310021	005	Ion exchange treatment of groundwater supplies. (see attached report)	1998	\$2,000,000
	M	C	45000	Jurupa Community SD	3310021	003	Replace piplines as shown on Figure 1 (see attached documents).	1998	\$458,000
	M	C	45000	Jurupa Community SD	3310021	007	Construct the Riverside North Groundwater Basin Project (see attached report).	1998	\$5,400,000
	M	C	45000	Jurupa Community SD	3310021	001	Construct 2 MG welded steel water storage facilities at Jurupa Community Services District's 980' PZ storage tank site.	1998	\$940,000
	M	C	45000	Jurupa Community SD	3310021	004	Construct a 12" CML/CMC from the District's Bain St. pipeline along Mission Blvd. To Avon St. (Figure 1).	1998	\$650,000
	M	C	45000	Jurupa Community SD	3310021	002	Drill a municipal well that will yield 1,300 gpm and connect into the District's San Sevaine Way Pipeline..	1998	\$500,000
	M	C	45000	MONTE VISTA CWD	3610029	001	Recharge basin with low nitrate water using injection wells	1998	\$920,000
	M	C	45000	MONTE VISTA CWD	3610029	005	Construct Plant 4 blending station	1998	\$62,000
	M	C	45000	MONTE VISTA CWD	3610029	004	Construct Plant 17 blending station	1998	\$276,000
	M	C	45000	MONTE VISTA CWD	3610029	003	Recharge basin with low nitrate water using injection wells	1998	\$700,000
	M	C	45000	MONTE VISTA CWD	3610029	007	Replace mainline Phase I	1998	\$410,000
	M	C	45000	MONTE VISTA CWD	3610029	008	Replace mainline Phase II	1999	\$2,200,000
	M	C	45000	MONTE VISTA CWD	3610029	002	Recharge basin with low nitrate water using injection wells	1999	\$700,000
	M	C	45000	MONTE VISTA CWD	3610029	009	Replace mainline Phase III	2000	\$2,200,000
	M	C	45000	Jurupa Community SD	3310021	008	Distribution system improvements to pump safe water to system to reduce nitrate levels.	2001	\$721,000
	M	C	45000	MONTE VISTA CWD	3610029	010	Replace mainline Phase IV	2001	\$2,200,000
	M	C	45000	MONTE VISTA CWD	3610029	011	Replace mainline Phase V	2002	\$2,200,000
	M	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009	003	Install operable gates in existing spillway at Salinas Dam to increase storage capacity	2000	\$16,200,000
	M	C	43349	CAMARILLO WATER DEPT	5610019	003	Construct a 4 MG water storage reservoir which will provide peak storage capacity for pressure zones 1 and 2.	1998	\$4,804,000
	M	C	42200	Hanford, City of	1610003	002	DEVELOP NEW DEEP WELL USING ZONES WITH LOW ARSENIC LEVELS.	1998	\$750,000
	M	C	41840	Southern CA Water Co - Cordova Water Srv	3410015	001	Install automation and telemetry at Kilgor and El Segundo Wells.	1998	\$20,000
	M	C	41427	City of San Bruno	4110023	003	Upgrade the existing dome ring with high strength threadbars and floating anchors placed outside the existing dome ring. Upgrade wall prestressing, Rehabilitate the footing base connected to withstand seismic loads.	1998	\$487,000
	M	C	41427	City of San Bruno	4110023	007	Purchase five trailer mounted portable diesel powered electrical generators that would be stationed at each well head.	1998	\$300,000
	M	C	41000	North Coast County Water Dist	4110025	004	Abandon tank and construct ne waterline to serve area.	1998	\$250,000
	M	C	41000	North Coast County Water Dist	4110025	001	Replace wooden tank with new steel .	1998	\$818
	M	C	41000	North Coast County Water Dist	4110025	003	Construct loof to bring second supply line to this area.	1999	\$425,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	41000	North Coast County Water Dist	4110025	002	Construct intertie with the City of San Bruno which will be second source of supply.	1999	\$3,125,000
	M	C	40443	Soquel Creek Water District	4410017	018	Replace problem pipes.	1998	\$1,440,000
	M	C	40443	Soquel Creek Water District	4410017	010	Install reservoir - 50,000 gallon welded steel tank.	1998	\$900,000
	M	C	40443	Soquel Creek Water District	4410017	001	Projects were constructed after 7/93--design and permit costs came before 7/93.	1998	\$4,000,000
	M	C	40443	Soquel Creek Water District	4410017	011	Replace reservoir with 500,000 gallon steel reservoir at Vista Del Mar Site.	1998	\$520,000
	M	C	40443	Soquel Creek Water District	4410017	017	Replace pipes.	1998	\$819,300
	M	C	40443	Soquel Creek Water District	4410017	020	Replace pipes.	1998	\$2,553,800
	M	C	40443	Soquel Creek Water District	4410017	021	Replace pipes.	1999	\$866,400
	M	C	40443	Soquel Creek Water District	4410017	025	Replace pipes.	1999	\$2,011,400
	M	C	40443	Soquel Creek Water District	4410017	019	Replace distribution pipes.	2000	\$735,700
	M	C	40443	Soquel Creek Water District	4410017	022	Replace pipes.	2000	\$1,989,000
	M	C	40443	Soquel Creek Water District	4410017	023	Replace pipes.	2001	\$2,186,000
	M	C	40443	Soquel Creek Water District	4410017	016	Replace pipes.	2002	\$2,021,400
	M	C	40443	Soquel Creek Water District	4410017	024	Replace pipes.	2002	\$957,800
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	008	Construct new booster facility	1998	\$200,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	005	Design new reservoir	1998	\$400,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	001	Replace mainline	1998	\$1,000,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	003	Construct new well	1999	\$200,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	002	Replace mainline	1999	\$1,000,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	006	Construct new reservoir	1999	\$800,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003	004	Construct new well	2000	\$800,000
	M	C	38700	Carmichael Water District	3410004	006	Install vents, paint and coat reservoir.	1998	\$600,000
	M	C	38700	Carmichael Water District	3410004	002	Replace 35 miles of water main. Involves design and construction.	1999	\$17,000,000
	M	C	37619	Porterville, City of	5410010	003	DESIGN AND INSTALL 3 MG STORAGE TANK - BOOSTER PUMP AND MAIN LINES. OTHER - DESIGN AND CONSTRUCTION.	1999	\$3,000,000
	M	C	37619	Porterville, City of	5410010	002	INTERTIE WITH AIRPORT WATER SYSTEM WITH MAIN CITY SYSTEM ALLOWING AIRPORT WATER WELL TO SUPPLEMENT CITY SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$330,000
	M	C	37619	Porterville, City of	5410010	004	DESIGN AND INSTALL TEN STAND-BY ENGINES AND ALTERNATE FUEL SUPPLY SYSTEMS. OTHER - DESIGN AND CONSTRUCTION	2000	\$1,500,000
	M	C	37619	Porterville, City of	5410010	005	DESIGN AND INSTALL WATER MAINS IN R/W, RESERVE CUSTOMERS FROM FRONT YARD SERVICES. OTHER - DESIGN AND CONSTRUCTION	2002	\$250,000
	M	C	34900	INDIAN WELLS VALLEY W.D.	1510017	002	INSTALL NEW PIPELINES IN THE EASTERN PORTION AND CONSTRUCTION A STORAGE TANK IN THIS AREA. OTHER -DESIGN AND CONSTRUCTION	2000	\$11,975,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	34320	SCWC - CLAREMONT	1910024	001	REPLACE OR ABANDON UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$300,000
	M	C	34250	Estero Municipal Improvement District	4110021	001	Desgin and Construct alternative water supply main to redundant SFWD supply.	1999	\$20,000,000
	M	C	33865	SCWC - ARTESIA	1910004	005	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$800,000
	M	C	33865	SCWC - ARTESIA	1910004	006	Install chlorination turnouts at MWD connection	1998	\$300,000
	M	C	33865	SCWC - ARTESIA	1910004	004	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$400,000
	M	C	33800	Capistrano Valley WD	3010030	001	Construct 2 MG demineralization plant, well field & transmission piping.	1998	\$14,000,000
	M	C	33800	Capistrano Valley WD	3010030	003	Construct 2 MG reservoir and transmission main to link into distribution system.	1998	\$1,815,000
	M	C	33800	Capistrano Valley WD	3010030	002	Construct new well in Trabuco Creek (North) area of District.	1998	\$276,000
	M	C	33000	SAN FRANCISCO INT'L. AIRPORT	3810010	001	Clean and refurbish a fire protection storage tank for a potable water storage tank for emergency use.	2001	\$250,000
	M	C	33000	SAN FRANCISCO INT'L. AIRPORT	3810010	002	Clean and refurbish a fire protection storage tank for ise in an emergency as a potable water source.	2002	\$250,000
	M	C	31726	San Juan Water District	3410021	002	Install a 12-inch pipeline up to the tank and refurbish the existing tank, which belongs to a neighboring water agency. The neighboring water agency does not use the tank and they have agreed to let SJWD use it. Also requires four new 60 hp pumps.	1998	\$500,000
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	002	Replace mainline	1998	\$639,450
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	001	Replace mainline	1998	\$1,000,000
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	003	Drill new well in Wilson Creek area	1998	\$425,000
	M	C	31000	CRESCENTA VALLEY CWD	1910028	001	Rehabilitation of the 13 reservoirs. Project involves: Design, and Construction	1998	\$2,416,695
	M	C	31000	CRESCENTA VALLEY CWD	1910028	004	Replace the existing 11 wells with up to 16 new wells of modem design and construction to replace existing production.	2000	\$11,069,460
	M	C	30835	SCWC - NORWALK	1910098	003	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	30835	SCWC - NORWALK	1910098	002	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT IMPERIAL SITE.	1998	\$300,000
	M	C	30835	SCWC - NORWALK	1910098	001	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DACE SITE	1998	\$300,000
	M	C	30835	SCWC - NORWALK	1910098	005	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$30,000
	M	C	30835	SCWC - NORWALK	1910098	004	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$600,000
	M	C	30703	SCWC - FLORENCE/GRAHAM	1910077	001	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	30703	SCWC - FLORENCE/GRAHAM	1910077	003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
	M	C	30703	SCWC - FLORENCE/GRAHAM	1910077	002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$500,000
	M	C	30450	West Sacramento, City of	5710003	009	Install two booster stations and hydropneumatic tanks and water main. Involves design and construction.	1999	\$990,000
	M	C	30033	SCWC - CULVER CITY	1910030	004	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
	M	C	30033	SCWC - CULVER CITY	1910030	001	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER. STUDY WATER QUALITY TO DETERMINE POTENTIAL NEED FOR TREATMENT.	1998	\$1,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	30033	SCWC - CULVER CITY	1910030	002	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	30033	SCWC - CULVER CITY	1910030	003	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
	M	C	29350	City of Burlingame	4110003	001	Contract an 8 mile pipe line connecting the 3 cities to the Harry Tracy WTP. Combine storage form 12 MG to 23 MG. Storage capacity would meet DOHS - 8 - hour demand requirement.	1998	\$15,000,000
	M	C	28500	Santa Paula Water System	5610011	006	Purchase propoert, design, construct and inspect construction of a 2.75 MG reservoir in the 200 Pressure Zone.	1998	\$2,200,000
	M	C	28500	Santa Paula Water System	5610011	001	Design & construct 9,000 lineal feet of 8 inch dist. Mains, including services, hydrants, air/vac valves, blowoffs, contract mgmnt./inspection services. Can be ready to construct July 1998.	1998	\$842,400
	M	C	28500	Santa Paula Water System	5610011	007	Purchase property, design, construct, and inspect construction of a 0.50 MG reservoir in the 400 East Zone.	1998	\$400,000
	M	C	28500	Santa Paula Water System	5610011	008	Purchase property, design,construct and inspect construction of a 0.25 MG reservoir in the 400 East Zone.	1999	\$200,000
	M	C	28500	Santa Paula Water System	5610011	002	Design & construct 9,000 lineal ft. of 8 inch distr. Main including services, hydrants, air/vac valves, blowoffs & contract mgmnt./inspection services.	1999	\$842,400
	M	C	28500	Santa Paula Water System	5610011	003	Design & construct 9,000 lineal feet of 8 inch distribution main, including services, hydrants, air/vac valves, blowoffs & contract mgmnt.	2000	\$842,400
	M	C	28500	Santa Paula Water System	5610011	004	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac valves, bklowoffs & contract mgmnt.	2001	\$842,400
	M	C	28500	Santa Paula Water System	5610011	005	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac, blowoffs & contract mgmnt.	2002	\$842,400
	M	C	28334	City of Eureka	1210004	001	Retrofit or replace the existing High Tank Reservoir.	1998	\$4,000,000
	M	C	28000	City of Benicia	4810001	003	Perform seismic and coating evaluation, design and construct improvements.	1998	\$200,000
	M	C	28000	City of Benicia	4810001	015	Corrosion survey of entire pipeline and repairs to Cordelia pipeline.	1998	\$115,000
	M	C	28000	City of Benicia	4810001	001	Install booster pump to cycle reservoir contents and repair roof.	1998	\$267,500
	M	C	28000	City of Benicia	4810001	020	Structural and seismic improvements to the tower will be designed and constructed.	1998	\$260,000
	M	C	28000	City of Benicia	4810001	019	Design and install permanent emergency power facilities at Rose Drive Pump station.	1999	\$100,000
	M	C	28000	City of East Palo Alto (formerly EPACWD)	4110024	002	Design and construct a facility on site to treat high iron and magnese cointect to a safety level in order to use as the back-up source during emergency when San Francisco Water is not available.	1999	\$500,000
	M	C	28000	City of East Palo Alto (formerly EPACWD)	4110024	001	Replace rusted old and undersized water mains with new min. 8" mains to eliminate health hazard and risk of failure.	1999	\$1,100,000
	M	C	28000	City of Benicia	4810001	009	Design and construction of pump station improvements to increase capacity and increase reliability.	2000	\$620,000
	M	C	28000	City of Benicia	4810001	010	Design and construction of a 2,000 foot long, 24 inch pipeline in Bayshore Road to parallel the existing pipeline.	2000	\$710,000
	M	C	28000	City of Benicia	4810001	012	DESIGN AND CONSTRUCTION OF A NEW 24 INCH PIPELINE AND OTHER MODIFICATIONS TO EXTEND ZONE II TO THE WEST TO SERVICE THE AREA.	2001	\$710,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	28000	City of Benicia	4810001	008	Design and install integrated SCADA/telemetry system for the pump station and WTP/	2001	\$915,000
	M	C	28000	City of Benicia	4810001	011	Design and construction of new pump station with additional capacity and reliability improvements.	2001	\$1,225,000
	M	C	28000	City of Benicia	4810001	017	Replace pipelines with new ductile iron pipe to bolster the distribution system.	2002	\$1,029,000
	M	C	27503	LOS BANOS-CITY	2410005	002	Construct Storage Facilities	2000	\$1,500,000
	M	C	27231	SO CA WATER CO - BARSTOW	3610043	001	Replace mainline	1998	\$100,000
	M	C	27067	Placer CWA - Auburn/Bowman	3110005	001	Install standby diesel generator. Involves design and construction.	1999	\$200,000
	M	C	26084	PARK WC - COMPTON	1910021	001	Final design of well head and construction of well head. Project involves: Design, and Construction	1999	\$1,180,000
	M	C	26000	Banning, City of	3310006	002	Construct additional storage of approximately 4 million gallons.	2000	\$5,000,000
	M	C	25909	Norco, City of	3310025	001	Construction of 4 MG reservoir to maintain adequate reserve capacity.	1998	\$4,400,000
	M	C	25909	Norco, City of	3310025	002	To reduce system demand, a pumping station and transmission main will be constructed to return up to 2 MGD of recycled water from the WRCWA regional sewage treatment plant for irrigation purposes.	1998	\$550,000
	M	C	25909	Norco, City of	3310025	003	Design, drill and equip additional well in Temescal Basin, including required transmission main.	1998	\$350,000
	M	C	25100	City of Seal Beach	3010041	002	Upgrade 4 well sites using containment or on site chlorination.	1998	\$300,000
	M	C	25100	City of Seal Beach	3010041	001	Replace water lines with pvc and resilient wedge gate valves.	1999	\$1,428,000
	M	C	25000	Mission Springs WD	3310008	002	Replacement of 10,240 linear feet of waterlines, 306 service connections and 24 hydrants - Project No. 29	1998	\$1,000,000
	M	C	25000	Mission Springs WD	3310008	001	Replacement of 10,240 linear feet of waterlines, 313 service connections and 18 hydrants - Project No. 28	1998	\$1,025,000
	M	C	25000	Mission Springs WD	3310008	003	Replacement of 10,870 linear feet of waterlines, 251 service connections and 20 hydrants - Project No. 28	1998	\$975,000
	M	C	25000	City of Hollister	3510001	007	All deficiencies should be carefully evaluated and corrected.	1998	\$150,000
	M	C	25000	City of Hollister	3510001	002	Identify a more stable pipeline route and then construct a new pipeline with the use of proper restraints and well-engineered structures.	1999	\$1,278,000
	M	C	25000	BELLFLOWER - SOMERSET MWC	1910013	002	Acquire other adjoining system in the city and create one looping waterworks system.	2000	\$13,357,700
	M	C	25000	City of Hollister	3510001	005	Design and construct a modern reservoir to replace the existing one.	2000	\$265,000
	M	C	25000	City of Hollister	3510001	011	Identify a more stable pipeline route and construct a new pipeline with adequate restraints and supports.	2000	\$1,366,000
	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143	002	Design and replace approximately 1.75 miles of 18-inch water transmission lines.	1999	\$1,100,000
	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143	004	Upgrade to a computerized telemetry system. Project involves: Study, Design, and Construction	2000	\$180,000
	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143	001	Replace the 1.0 million gallon system storage Reservoir No. 4. Project involves: Design to solve problem, and Construction	2000	\$2,500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 004	ERECT A TEMPORARY 0.1 MG TANK, REMOVE THE EXISTING RESERVOIR, AND CONSTRUCT A NEW 0.250 MG RESERVOIR.	1999	\$800,000
	M	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 007	INSTALL PERMANENT EMERGENCY BACK-UP GENERATORS TO KEEF OUR TWO MAJOR PUMP STATIONS OPERATIONAL DURING POWER OUTAGES.	1999	\$600,000
	M	C	24300	CAL CITIES - ORCUTT	4210016 006	Replace 2400 feet of water main.	1998	\$154,000
	M	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 002	Design and construct a replacment reservoir.	1998	\$2,000,000
	M	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 008	Design and construct water treatment facility to remove increasing levels of PCE and nitrate from pumped ground water.	1998	\$4,500,000
	M	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 007	Rehabilitate well to isolate contaminated zones in the aquifer and install denitrification system. Project involves: Design, and Construction	1998	\$350,000
	M	C	23962	Valley Center MWD	3710026 001	2,400' of 16" line, 3-MG steel reservoir (Shadow Ridge).	1998	\$2,000,000
	M	C	23800	South Coast WD - Capistrano Beach	3010055 001	The District proposes to construct a new 2 million gallon reservoir at the current reservoir's site.	1998	\$2,000,000
	M	C	23800	South Coast WD - Capistrano Beach	3010055 002	Design and construction of a groundwater recovery facility.	1998	\$5,000,000
	M	C	23364	SCWC-SOUTH ARCADIA	1910212 002	INSTALL GAC FILTERS ON WELL #1 AND BLEND ITS OUTPUT WITH WELL #2 AND #3	1998	\$800,000
	M	C	23364	SCWC-SOUTH ARCADIA	1910212 001	REPLACE UNDERSIZED MAINS	1998	\$70,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 007	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 003	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT HOFFMAN SITE.	1998	\$300,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 001	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DARWELL SITE.	1998	\$300,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 008	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 006	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 002	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT BISSELL SITE.	1998	\$300,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 005	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT GAGE SITE	1998	\$300,000
	M	C	23318	SCWC - BELL, BELL GARDENS	1910011 004	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT WATSON SITE.	1998	\$300,000
	M	C	23247	Arcade WD - North Highlands	3410025 001	Install 10 mg water storage reservoir. Involves design and construction.	1998	\$4,500,000
	M	C	23247	Arcade WD - North Highlands	3410025 003	Install larger diameter connecting and transmission mains. Involves design and construction.	2000	\$5,000,000
	M	C	22800	Rubidoux Community SD	3310044 001	Construct a 5 MG water storage reservoir.	1998	\$1,800,000
	M	C	22800	Rubidoux Community SD	3310044 002	Construct 3-1,500 gpm wel pumping plants and a 4,500 gpm nitrate treatment facility..	1998	\$7,900,000
	M	C	22800	Rubidoux Community SD	3310044 003	The district master plan recommends construction of 11,000 L.F. of 24" pipeline to alleviate the low pressure problems, provide adequate water service, and to provide adequate fire flow.	1998	\$1,600,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	22271	Hemet, City of	3310016	004	To build 5 MG reservoir.	1998	\$1,500,000
	M	C	22271	Hemet, City of	3310016	003	Drilling of well.	1998	\$550,000
	M	C	22271	Hemet, City of	3310016	002	Drilling of well	1999	\$550,000
	M	C	22254	PORT HUENEME WATER DEPT	5610009	004	Install emergency gas chlorination disinfection facilities for the two wells.	1998	\$20,000
	M	C	22254	PORT HUENEME WATER DEPT	5610009	003	Install two water mains to close the distribution loops and interconnect the distribution system which will decrease the detention time to help avoid nitrification problems.	1998	\$30,000
	M	C	22254	PORT HUENEME WATER DEPT	5610009	001	Install ten water mains to replace the undersized 4,6 & 8 -inch water mains.	1999	\$535,000
	M	C	22254	PORT HUENEME WATER DEPT	5610009	006	Replace two cast iron water mains with PVC C900.	2000	\$30,000
	M	C	22254	PORT HUENEME WATER DEPT	5610009	005	Replace two cast iron mains with PVC C9000	2000	\$3,000,000
	M	C	22000	Brawley, City of	1310001	001	City wide replacement of aged distribution system. Redesign of the system to provide better system with less possibility of interruption.	1998	\$12,500,000
	M	C	22000	West Kern CWD	1510022	001	REPLACE 30" PIPELINE WITH 36" PIPELINE	1998	\$5,925,397
	M	C	21554	Corcoran, City of	1610004	005	WATER MAIN UPGRADING FROM 4" WITH 6" AND 8" PIPE. OTHER - DESIGN AND CONSTRUCTION	1998	\$240,000
	M	C	21554	Corcoran, City of	1610004	002	DRILL 3 NEW WELLS AND ASSOCIATED PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,160,000
	M	C	21554	Corcoran, City of	1610004	008	REPLACE C.I. PIPES WITH AWWA C-900 CLASS 150, IN 6", 8", 10" AND 12" SIZES. OTHER - DESIGN AND CONSTRUCTION	1998	\$510,000
	M	C	21500	City of Millbrae	4110018	001	Replace system sections that are undersized and deteriorated,	1998	\$450,000
	M	C	21500	City of Millbrae	4110018	002	Install pump station to pump water from lower zone to upper zone.	1999	\$375,000
	M	C	21500	City of Millbrae	4110018	003	Seismically upgrade storage tanks and recoat interior and exterior surfaces	2000	\$2,000,000
	M	C	21429	EL MONTE-CITY, WATER DEPT	1910038	001	1) Installed GAC treatment plant. 2) Elevated tank was refurbished. 3) Replace old water mains.	1998	\$500,000
	M	C	21000	City of Brentwood	0710004	005	Do a Nitrification Study master plan to determine the best way to to treat well water for nitrate problems.	1998	\$100,000
	M	C	21000	City of Brentwood	0710004	019	Purchase and install 5 emergency generators at the above locations.	1998	\$600,000
	M	C	21000	City of Brentwood	0710004	012	TV the wells and check for any holes or cracks in the sleeve.	1998	\$150,000
	M	C	21000	City of Brentwood	0710004	004	replace polybutylene lines	1998	\$400,000
	M	C	21000	City of Brentwood	0710004	011	replace 255 of the 3000 valves with new valves and dresser couplers.	1999	\$850,000
	M	C	21000	City of Brentwood	0710004	002	Do a study to determine the most efficient and practical manner to update the plant. Design the plant upgrades and construction to update and modernize the existing water treatment plant to bring it into compliance with the SWTR.	1999	\$2,000,000
	M	C	21000	City of Brentwood	0710004	009	Replace the lines to these homes with 6" lines. Replace meters and hydrants for more efficient and healthier system.	1999	\$430,000
	M	C	21000	City of Brentwood	0710004	003	Design and construct a new water treatment plant to meet the standards in Section 64653 and the demands on the system.	1999	\$44,000,000
	M	C	20434	Valley of the Moon Water District	4910013	004	Install new larger lines and booster pumps.	1998	\$1,800,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	20434	Valley of the Moon Water District	4910013	005	Install new storage tank and booster pumps (Crest area).	1998	\$600,000
	M	C	20434	Valley of the Moon Water District	4910013	003	Construct new storage tank (Sobre Vista area).	1998	\$250,000
	M	C	20434	Valley of the Moon Water District	4910013	006	Install Booster pumps and transmission/distribution pipelines.	1999	\$550,000
	M	C	20434	Valley of the Moon Water District	4910013	007	New distribution pipelines.	2000	\$550,000
	M	C	20434	Valley of the Moon Water District	4910013	008	New distribution pipelines.	2001	\$800,000
	M	C	20020	LOMITA-CITY, WATER DEPT.	1910073	002	Design and construction of 7 MG water storage.	1998	\$4,000,000
	M	C	20020	LOMITA-CITY, WATER DEPT.	1910073	003	Design/construction of a new rectangular, reinforced concrete reservoir of larger capacity (5,000,000 gallon) with a water treatment facility, and related construction to facilitate system-wide water supply service.	2003	\$10,000,000
	M	C	19558	San Lorenzo Valley Water Dist	4410014	001	Build a surface water treatment plant on a new site and also provide treatment for iron, manganese, and hardness in the Olympia Wellfield.	1998	\$8,040,000
	M	C	19360	CWS - Selma	1010024	001	CONSTRUCT A ONE MILLION GALLON STORAGE TANK AND BOOSTER PUMP FACILITY.	1998	\$805,000
	M	C	18883	HUNTINGTON PARK-CITY, WATER DEPT.	1910049	001	Design and construct replacement facilities. Develop a priority list.	1998	\$17,000,000
	M	C	18850	Bay Point-Southern California Water Co.	0710002	004	Replace 500' of 2" OD steel water main.	1998	\$35,000
	M	C	18316	Lemoore, City of	1610005	001	Arsenic treatment	2002	\$4,000,000
	M	C	18160	Vaughn WC INC	1510029	001	INSTALL A 2 MG STORAGE TANK AND BOOSTER PUMPING STATION WHICH WILL IMPROVE STORAGE CAPACITY TO A MINIMUM OF 9 HRS OF STORAGE. OTHER - DESIGN & CONSTRUCTION	1998	\$1,100,000
	M	C	18000	WALNUT PARK MUTUAL WATER CO.	1910169	001	Design and construct two (2) new tanks, one domestic well and new pumping station.	1998	\$975,000
	M	C	18000	Humboldt C.S.D.	1210009	001	Replace the defective Humboldt Hill reservoir. Include related projects dealing with reliability in area.	2001	\$1,947,000
	M	C	16000	ECO Resources-Lamont Public Utility Dist	1510012	003	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$120,000
	M	C	16000	ECO Resources-Lamont Public Utility Dist	1510012	001	REPLACE WATER LINES IN NORTH LAMONT. MOVE WATE LINES FROM ALLEYS TO STREET R/W FOR BETTER ACCESS. OTHER - DESIGN AND CONSTRUCTION	1999	\$300,000
	M	C	16000	ECO Resources-Lamont Public Utility Dist	1510012	002	REPLACE WATER LINES IN SOUTH LAMONT. OTHER - DESIGN AND CONSTRUCTON	2000	\$325,000
	M	C	15856	PARK WC - LYNWOOD	1910161	002	Preliminary and final design of well and construction of well. Project involves: Design, and Construction	1999	\$450,000
	M	C	15856	PARK WC - LYNWOOD	1910161	001	Final design of well head and construction of well head. Project involves: Design, and Construction	2000	\$730,000
	M	C	15600	TWENTYNINE PALMS WATER DIST	3610049	001	Construct 2 MG reservoir	1998	\$1,200,000
	M	C	15600	TWENTYNINE PALMS WATER DIST	3610049	002	Replace 46 miles of mainline	1999	\$5,000,000
	M	C	15500	Oakdale, City of	5010014	001	REPLACE 2" AND 4" MAINS WITH 8", 10" AND 12" PIPE. OTHER = DESIGN AND CONSTRUCTION	1998	\$10,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	15467	SCWC-SOUTH SAN GABRIEL	1910223	001	REPLACE UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$350,000
	M	C	15225	QUARTZ HILL WATER DIST.	1910130	001	Purchase and installation of hypochlorite generators.	1998	\$100,000
	M	C	15080	McKinleyville C.S.D.	1210016	001	Construct new wells and retrofit existing facilities.	1998	\$946,790
	M	C	15030	Ukiah, City of	2310003	001	Add 3,000,000 gallons of storage to the distribution system.	2002	\$2,000,000
	M	C	14750	Rio Linda/Elverta Community Water Dist	3410018	002	Construct 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
	M	C	14750	Rio Linda/Elverta Community Water Dist	3410018	001	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
	M	C	14673	Avenal, City of	1610002	006	CONNECT TO THE PRISON HIGH PRESSURE PIPELINE WITH PRESSURE REDUCING STATIONS. FIRE HYDRANTS, VALVES, AND PIPELINES SHALL BE REPLACED TO IMPROVE THE RELIABILITY OF THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	M	C	14673	Avenal, City of	1610002	003	REPLACE THE MAIN AND RELIFT TELEMETRY CONTROL SYSTEM, PUMP MAINFOLDS, VALVING AND SWITCH GEAR AS REQUIRED TO MAINTAIN AN EMERGENCY BACKUP PUMPING PLANT SYSTEM FOR FUTURE OUTAGES. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
	M	C	14673	Avenal, City of	1610002	002	INSTALL EMERGENCY GENERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$390,000
	M	C	14475	Wasco, City of	1510021	001	CONSTRUCT 4.0 MG OF STORAGE AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$4,000,000
	M	C	14000	TRACT 180 MUTUAL WATER CO.	1910159	001	Replace water mains/transmission lines.	2000	\$1,500,000
	M	C	13993	San Jacinto, City of	3310032	001	The City plans to drill two more wells, build one or two Fe/Mn treatment plants, upgrade and replace the old distribution mains. Add additional surface storage.	1998	\$1,500,000
	M	C	13922	FILLMORE WATER DEPT	5610002	003	Create new pressure zone so that minimum pressure would be 40 psi and tanks could be exercised daily.	1998	\$745,000
	M	C	13500	Bella Vista Water District	4510014	004	Study and pre-design of solution to low pressure problem and provide the reliability required by the Waterworks Standards.	1998	\$100,000
	M	C	13500	Bella Vista Water District	4510014	002	Build two reservoirs to increase storage capacity and provide the reliability required by the Waterworks Standards.	1998	\$1,400,000
	M	C	13500	Bella Vista Water District	4510014	001	Add standby power at Pump Station, and add one well with filters to provide the reliability required by the Waterworks Standards.	1998	\$1,200,000
	M	C	13500	Bella Vista Water District	4510014	005	Construct storage, pump station and pipe line to solve low pressure problem and provide the reliability required by the Waterworks Standards.	1999	\$3,590,000
	M	C	13500	Bella Vista Water District	4510014	007	Loop deadend mains to solve low pressure problem and provide the reliability required by the Waterworks Standards.	2000	\$1,775,000
	M	C	13147	City of Red Bluff	5210004	016	Install IMG storage reservoir and well. Loop two major service areas with appropriate size mains.	1998	\$3,000,000
	M	C	13147	City of Red Bluff	5210004	004	Loop water system to remove dead end to hospital.	1998	\$800,000
	M	C	13147	City of Red Bluff	5210004	008	Construct new IMG reservoir.	1998	\$1,305,000
	M	C	13147	City of Red Bluff	5210004	003	Construct IMG storage reservoir.	1998	\$1,305,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	13147	City of Red Bluff	5210004	005	Construct joining pipeline between Well #4 and Well #8.	1998	\$100,000
	M	C	13147	City of Red Bluff	5210004	009	Install 16" watermain to alleviate water pressure and service problems.	1998	\$800,000
	M	C	13147	City of Red Bluff	5210004	006	Install new pipeline.	1998	\$600,000
	M	C	13147	City of Red Bluff	5210004	011	Install a transmission watermain in Antelope Blvd.	1999	\$1,100,000
	M	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001	001	CONSTRUCT A 1 MILLION GALLON TREATED WATER STORAGE TANI	1998	\$420,000
	M	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001	004	REPLACE THE STEEL PIPE WITH A NEW PVC PIPE.	2001	\$52,000
	M	C	12320	CASITAS MUNICIPAL WATER DIST	5610024	003	Coastal pipelione from a location near city of ventura, extending northward and connecting the coastal communities.	1998	\$8,000,000
	M	C	12320	CASITAS MUNICIPAL WATER DIST	5610024	001	Construction of a 2 MG water storage tank on the Rincon Main.	1999	\$2,000,000
	M	C	12060	PARLIER, CITY OF	1010025	002	Construct a test well and a new production well.	2004	\$601,000
	M	C	12026	NORWALK - CITY, WATER DEPT.	1910191	002	Construct a new reservoir, well and pump station. See attached discussion. Project involves: Design, and Construction	1998	\$5,825,000
	M	C	12026	NORWALK - CITY, WATER DEPT.	1910191	001	Install new well and well head treatment. Project involves: Design, and Construction	1998	\$1,460,000
	M	C	12000	ROSAMOND CSD	1510018	002	BUILD INFRASTRUCTURE TO EACHOF THESE AREAS, REPLACE EXISTING SUB-STANDARD FACILITIES AND CONNECT TO RCSD SYSTEM	1998	\$1,000,000
	M	C	11895	Shafter, City of	1510019	001	DRILL A NEW WELL IN THIS AREA AND ADDING A STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$475,000
	M	C	11714	LOS ANGELES CO WW DIST 38-LAKE L.A.	1910005	001	CONSTRUCT A NEW 400' SHADOW WELL, 4500' OF PIPELINE, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$715,000
	M	C	11250	CWSC King City	2710009	001	Design and construct treatment facilities and piping systems.	1999	\$1,500,000
	M	C	11130	Newhall CWD-Newhall	1910096	004	Design and construct a pumping station and a connection to CLWA's lateral to obtain 2000 gpm capacity.	1998	\$300,000
	M	C	11130	Newhall CWD-Newhall	1910096	005	Construct a 12-inch diameter water main about 2600 + from Zone 8 (1710') system to Zone 6. PZ No. 6 will be eliminated by this project. (See Plate 1). Project involves: Design, and Construction	1998	\$232,000
	M	C	11130	Newhall CWD-Newhall	1910096	003	Replacement of six (6) water tanks which failed in the January 1994 Northridge earthquake. Refinancing of the District's 1995 Installment Sale Financing (see attached Agreement).	1998	\$2,870,211
	M	C	11130	Newhall CWD-Newhall	1910096	002	Rehabilitate Well 10 by chemical treatment. See attached specification and correspondence of July 9, 1997.	1998	\$150,000
	M	C	11053	Del Oro Water Co.-Paradise Pines	0410011	002	Construction of 1.5 MG storage tank, and interior sandblasting and recoating plus exterior painting of Tanks #1 and #2.	1998	\$1,017,500
	M	C	11053	Del Oro Water Co.-Paradise Pines	0410011	001	Well exploration and development.	1999	\$500,000
	M	C	10787	SIERRA MADRE-CITY, WATER DEPT.	1910148	001	Replace two (2) concrete reservoirs and perform seismic retrofit work at two (2) others. Project involves: Design, and Construction	1998	\$6,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	10787	SIERRA MADRE-CITY, WATER DEPT.	1910148	002	Design and construct one domestic well and a water system inter-tie between the Cities of Sierra Madre and Arcadia.	1998	\$1,660,000
	M	C	10500	Riverview WD	3710030	003	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$250,000
	M	C	10500	LIVINGSTON-CITY	2410004	001	INSTALL NEW 6" MAINS AND NEW STYLE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION.	1998	\$500,000
	M	C	10500	LIVINGSTON-CITY	2410004	002	Conduct an engineering study to identify system deficiencies and replace deficient water mains.	2004	\$4,100,000
	M	C	10318	San Bernadino CSA 70L	3610120	002	Develop a new master plan	2000	\$100,000
	M	C	10318	San Bernadino CSA 70L	3610120	004	Construct two new tanks	2000	\$1,250,000
	M	C	10318	San Bernadino CSA 70L	3610120	006	Upgrade and replace booster pumps	2000	\$150,000
	M	C	10318	San Bernadino CSA 70L	3610120	005	Upgrade distribution system	2000	\$2,229,000
	M	C	10300	City of Fortuna	1210006	001	Replace existing 30,000 gallon water storage tank with a 150,000 gallon tank.	2000	\$350,000
	M	C	10000	North Tahoe PUD - Main	3110001	007	Install water mains along highway.	1998	\$566,500
	M	C	10000	North Tahoe PUD - Main	3110001	006	Create a pressurized sub-zone and provide service stubs to properties with pressures. Involves design and construction.	1998	\$94,900
	M	C	10000	North Tahoe PUD - Main	3110001	002	Install a modern, supervisory control and data acquisition system.	1998	\$126,000
	M	C	10000	North Tahoe PUD - Main	3110001	012	Install 4,160 ft of pipe. Involves design and construction.	1999	\$366,700
	M	C	10000	Huron, City of	1010044	002	PROVIDE A SECOND SOURCE OF SURFACE WATER BY CONNECTING TO LATERAL 22R WHICH IS ABOUT 5,000 FEET AWAY FROM THE PLANT SITE.	1999	\$155,000
	M	C	10000	North Tahoe PUD - Main	3110001	003	Construct a new 1,400 foot long water main within the State Highway, relocate services to the new line, improve pressure and quality. Involves design and construction.	2001	\$165,000
	M	C	10000	North Tahoe PUD - Main	3110001	014	Construct a 2,660 ft long main. Involves design and construction.	2001	\$267,500
	M	C	10000	North Tahoe PUD - Main	3110001	015	Replace 3,020 ft of water main. Involves design and construction.	2001	\$277,100
	M	C	10000	North Tahoe PUD - Main	3110001	004	Install 1,800 ft water main, increase pressure. Involves design and construction.	2002	\$172,100
	M	C	9977	CITY OF LATHROP	3910015	001	Replace network with larger diameter mains.	2000	\$4,500,000
	M	C	9910	Westborough County Water Dist	4110027	001	Install new pipes and couplings to eliminate water outages for customers and construct new water storage tank for adequate water storage.	1998	\$2,500,000
	M	C	9500	WINTON WATER & SANITARY DIST	2410010	001	LOCATE BY AREA ALL SUBSTANDARD SIZED LINES AND REPLACE/CONSTRUCT A STORAGE TANK WITH CONNECTING LINES. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$2,500,000
	M	C	9475	SO CA WATER CO-WRIGHTWOOD	3610047	002	Replace mainline	1998	\$3,900,000
	M	C	9475	SO CA WATER CO-WRIGHTWOOD	3610047	003	Construct new reservoir	1998	\$200,000
	M	C	9462	American Canyon, City of	2810005	001	Design, land acquisition and four MG potable water storage tank.	1998	\$2,048,000
	M	C	9462	American Canyon, City of	2810005	002	Purchase water supply and connection from City of Vallejo water system.	1998	\$1,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	9417	Kingsburg, City of	1010019	002	PURCHASE PROPERTY ADJACENT TO WELL NO. 11 FOR FUTURE INSTALLATION OF GAC FILTRATION SYSTEM.	1998	\$50,000
	M	C	9417	Kingsburg, City of	1010019	001	PREPARE A FEASIBILITY STUDY TO EVALUATE THE EXTENT OF THE PROBLEM AND TO DEVELOP ALTERNATIVES.	1998	\$30,000
	M	C	9417	Kingsburg, City of	1010019	005	CONSTRUCT A NEW WELL (NO. 15).	1999	\$350,000
	M	C	9417	Kingsburg, City of	1010019	003	DESIGN A GAC FILTRATION SYSTEM FOR WELL NO. 11.	1999	\$40,000
	M	C	9417	Kingsburg, City of	1010019	004	CONSTRUCT A GAC FILTRATION SYSTEM FOR WELL NO. 11.	2000	\$400,000
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	003	The City shall rehab well #6 to eliminate contamination, or drill a new well if rehab is determined ineffective. The existing transmission main connecting well #6 to the system needs to be reconstructed. Project involves: Design and Construction	1998	\$1,873,000
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	004	Construct chlorine injection line from City reservoir/disinfection station to MWD P.O.C. - approximately 800 Lin. Ft.	1998	\$144,136
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	007	Design and construct new roof using stainless steel fittings.	1998	\$810,000
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	006	Design and construct two new finished and connecting piping stations south of the 405 freeway water reservoirs. Refinance debt obligation (Municipal Bonds)	1998	\$8,600,000
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	005	Construct pump and metering stations at the California Ave/Willow Street Long Beach/Signal Hill interconnect.	1998	\$200,000
	M	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	008	Purchase a portable emergency generator to power well pump in case of interrupted electrical service. Project involves: Purchase	1999	\$150,000
	M	C	9101	EAST PASADENA WATER CO.	1910020	001	Drill new well to increase capacity from Raymond Basin	2001	\$624,000
	M	C	9015	Lindsay, City of	5410006	001	CANAL SUPPLY LINE, 2.5 MG STORAGE TANKS, TWO NEW WELLS, INFRASTRUCTURE IMPROVEMENTS, PRESSURE SYSTEM LOOPS, RAW WATER TREATMENT PLANT IMPROVEMENTS. OTHER - DESIGN AND CONSTRUCTION	1998	\$12,842,000
	M	C	9000	NIPOMO COMM SERVICES DIST	4010026	001	Drill a new well, construct a new transmission line to a new water storage facility	1998	\$1,500,000
	M	C	9000	NIPOMO COMM SERVICES DIST	4010026	002	Construct approx. 5500 feet of new water lines to enhance water flow and energy savings.	2000	\$375,000
	M	C	9000	NIPOMO COMM SERVICES DIST	4010026	003	Construction of a one million gallon water storage tank and transmission main.	2002	\$1,000,000
	M	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020	002	Construct a 3.2 MG reservoir to provide adequate storage in one pressure zone.	1998	\$3,300,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	002	CONCRETE SEAL EXISTING OPEN-BOTTOM WELL #5 THAT WAS ABANDONED DUE TO FAILURE IN 1995 AND DRILLED NEW WELL TO LARGER SIZE AND DEPTH TO PROVIDE REQUIRED DOMESTIC AND FIRE FLOWS TO SERVE EXISTING DEVELOPED AREA. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	001	INSTALL 8" AND 12" PVC PIPE. LOOP THE SYSTEM WITH 12" MAIN CONNECTING TO THE WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$335,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	003	REPLACE WITH 8" PVC PIPE. OTHER - DESIGN AND CONSTRUCTION	2000	\$200,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	004	INSTALL NEW 8" WATER PIPE LOOP AND REPLACE PIPE WITH 8" AND 10" PVC. OTHER - DESIGN AND CONSTRUCTION	2001	\$506,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	005	REPLACE PIPE WITH NEW 12" PVC MASTER LOOP SYSTEM FROM WELL #10. OTHER - DESIGN AND CONSTRUCTION	2002	\$557,000
	M	C	8086	Imperial, City of	1310006	003	Install and replace with properly sized water mains.	1998	\$600,000
	M	C	8086	Imperial, City of	1310006	004	Start program to replace obsolete mains and valves	1998	\$500,000
	M	C	8000	South Mesa WC	3310017	001	Replace reservoir with steel tank or rebuild reservoir walls.	1998	\$500,000
	M	C	7986	ORANGE COVE CITY OF	1010023	001	DEVELOP A SUPPLEMENTAL GROUNDWATER SUPPLY CONSISTING OF AT LEAST FOUR WELLS, TRANSMISSION LINES, BLENDING/MIXING STRUCTURES, AND TREATMENT UNITS, IF NECESSARY.	1998	\$3,095,600
	M	C	7900	Sebastopol, City of	4910011	002	A new well (#7) has been developed to replace well 5. The new well is in the final construction phase and due to be placed into service in Fall of 1997.	1998	\$550,000
	M	C	7880	SOUTH MONTEBELLO IRRIGATION DIST.	1910153	001	Replace the existing 10-inch and 12-inch riveted steel with cement lined ductile iron pipe.	2003	\$260,000
	M	C	7880	SOUTH MONTEBELLO IRRIGATION DIST.	1910153	002	Replacing key water transmissions and distribution mains as well as valves and fire hydrants.	2003	\$450,000
	M	C	7857	Santa Ana River Water Company	3310033	006	Construct new 1.5 MG tank, well #8, Bellegrave Booster Station and pipelines. (see attached loan agreement)	1998	\$1,255,690
	M	C	7857	Santa Ana River Water Company	3310033	004	Install an ion exchange treatment process to remove nitrate from Wells 3 and 3A	1998	\$1,300,000
	M	C	7857	Santa Ana River Water Company	3310033	001	Construct water pipelines to eliminate dead end water lines (Plate 1)	1998	\$810,000
	M	C	7857	Santa Ana River Water Company	3310033	003	Construct a 2.7 million gallon welded steel tank on the water company's existing land on Bellegrave Ave.	1998	\$1,200,000
	M	C	7857	Santa Ana River Water Company	3310033	005	Foundation improvements, expansion joints and piping modifications of shell to ground connections (see attached report).	1998	\$100,000
	M	C	7857	Santa Ana River Water Company	3310033	002	Drill and equip two water wells	1998	\$600,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203	001	CONNECT 2 ADJACENT WELLS FOR CHLORINATION AT ONE SITE	1998	\$110,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203	002	INSTALL 6,600 LINEAR FEET OF 12" WATER MAIN	1999	\$450,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203	003	CONSTRUCT A NEW 500' SHADOW WELL, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$1,536,000
	M	C	7500	LA PUENTE VALLEY CWD	1910060	005	Construction of a pressure sustaining valve between Pressure Zone 1 and 2.	1998	\$20,000
	M	C	7500	Thermalito I.D.	0410008	003	Replace old steel mainline. Design and construct new 2.5 MG storage tank.	1998	\$4,000,000
	M	C	7500	Clear Creek CSD-Anderson	4510016	001	Drill new well and loop deadend lines to provide the reliability required by the Waterworks Standards.	1998	\$850,000
	M	C	7500	MUSCOY MWC NO. 1	3610031	002	Rehabilitate well and block wall	1998	\$90,000
	M	C	7500	MUSCOY MWC NO. 1	3610031	001	Replace transmission lines	1998	\$637,715

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	7500	LA PUENTE VALLEY CWD	1910060	004	Construction of a 75 HP generator for booster pumps.	1999	\$35,000
	M	C	7500	LA PUENTE VALLEY CWD	1910060	003	Replacement of line with 12" ductile iron pipe. Design to solve problem, and Construction	2000	\$150,000
	M	C	7434	GOLDEN HILLS CSD	1510045	002	Construct 4 new wells. Other - Design/Construction	1998	\$400,000
	M	C	7434	GOLDEN HILLS CSD	1510045	004	Develop and construct a system of wells in our nonadjudicated area, while continuing to increase our water rights. Other - Design/Construction	1998	\$800,000
	M	C	7434	GOLDEN HILLS CSD	1510045	005	Construct a 1mg storage tank. Other - Design/Construction	1998	\$500,000
	M	C	7434	GOLDEN HILLS CSD	1510045	001	Tie the Golden Hills and City of Tehachapi water systems together. Other - Design/Construction	1998	\$175,000
	M	C	7412	California-American Larkfield	4910023	003	Construct raw water storage reservoir at North Wikiup site.	1998	\$400,000
	M	C	7412	California-American Larkfield	4910023	002	Old Redwood Highway main replacement/extension.	1998	\$160,000
	M	C	7344	NEWHALL CWD-PINETREE	1910250	001	Install a 2 MG welded steel storage facility to supplement the Pinetree Systems existing storage. Project involves: Design to solve problem, and Construction	1998	\$1,000,000
	M	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121	005	Develop new master plan	2000	\$100,000
	M	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121	004	Construct new tank	2000	\$350,000
	M	C	7050	Earlimart PUD	5410021	001	INSTALL SECONDE CROSSING OF HIGHWAY 99 AND REPLACE SOME PORTIONS OF THE SYSTEMS	1998	\$780,000
	M	C	7000	North of the River MWD	1510041	003	Replacement of majority of distribution system, and customer service lines. OTHER - Design and Construction	1998	\$3,300,000
	M	C	6902	City of Yreka	4710011	001	Construct 1.5 MG storage tank for north end of town.	1998	\$1,000,000
	M	C	6796	Southern CA Water Co - Arden Water Serv	3410003	001	Install automation and telemetry.	1998	\$20,000
	M	C	6780	TEHACHAPI, CITY OF	1510020	001	INSTALL 250,000 GALLON HOLDING TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	M	C	6780	TEHACHAPI, CITY OF	1510020	003	REPLACEMENT OF FAILING SERVICE LINES	1998	\$1,647,500
	M	C	6780	TEHACHAPI, CITY OF	1510020	004	INSTALL SECONDARY BOOSTER PUMP	1998	\$30,000
	M	C	6780	TEHACHAPI, CITY OF	1510020	002	INSTALL EMERGENCY GENERATOR - PINION WELL	1998	\$47,000
	M	C	6780	TEHACHAPI, CITY OF	1510020	005	INSTALL 2,000' OF 10" PIPE FROM PINION WELL TO CURRY STREET STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$66,400
	M	C	6700	MAYWOOD MUTUAL WATER CO. #2	1910085	001	Construct 1.5 MG reservoir. Remove top 30' of two reservoirs. Construct new roofs on two reservoirs, construct hydropneumatic pump station and standby generator. Project involves: Design to solve problem, and Construction.	1998	\$2,000,000
	M	C	6600	SOUTHERN CALIF WC	3010078	001	Install chlorination turnouts at 6MWD connections	1998	\$90,000
	M	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015	001	Construct four new storage reservoirs for a total of 3.35 MG to meet ww stds.	1998	\$2,700,000
	M	C	6523	GUADALUPE WATER DEPARTMENT	4210003	001	Constrict a 1.5 MG water storage tank and associated appurtanences and a looped water system.	2002	\$1,420,500

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	6500	Serrano Water District	3010082	002	Construct additional 2 MGD to existing treatment plant.	1998	\$2,500,000
	M	C	6412	TUD - Crystal Falls Water System	5510010	003	CONSTRUCT A PARALLEL PIPELINE ACROSS STATE HIGHWAY 108 TO CONNECT THE CRYSTAL FALLS SYSTEM TO THE WILLOW SPRINGS SYSTEM.	1999	\$79,000
	M	C	6412	TUD - Crystal Falls Water System	5510010	001	CONSTRUCT A NEW WTP WITH A 1 MGD CAPACITY WITH PROVISIONS FOR FUTURE EXPANSION. THIS PROJECT WILL ALSO ALLOW THE ELIMINATION OF THE CEDAR RIDGE AND MONTE GRANDE WTP'S.	1999	\$1,410,000
	M	C	6412	TUD - Crystal Falls Water System	5510010	002	CONSTRUCT A PIPELINE TO REPLACE THE OLD STEEL PIPE AND CONSTRUCT AN INTERCONNECTION WITH THE OAK GARDEN SYSTEM.	2000	\$38,000
	M	C	6144	Woodlake, City of	5410020	002	ENGINEERING TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	M	C	6144	Woodlake, City of	5410020	004	VARIOUS SYSTEM IMPROVEMENTS PER "WATER MASTER PLAN". OTHER - DESIGN AND CONSTRUCT	1999	\$324,000
	M	C	6144	Woodlake, City of	5410020	003	INSTALLATION OF 500,000 GAL RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	2000	\$450,000
	M	C	6144	Woodlake, City of	5410020	001	CONSTRUCTION OF ADDITIONAL WELL WITH STANDBY POWER. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
	M	C	6000	BIG BEAR CITY CSD	3610008	003	Construct new well	1998	\$225,000
	M	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005	001	INSTALL NEW C-900 6" THROUGHOUT WITH NEW SERVICES AND FIRE HYDRANTS EVERY 500'. OTHER - DESIGN AND CONSTRUCTION.	1998	\$700,000
	M	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005	002	INSTALL A 500,000 GALLON BOLTED TANK ON DISTRICT LOT IN LILAC TERRACE SUBDIVISION. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
	M	C	6000	BIG BEAR CITY CSD	3610008	004	Construct new well	1999	\$250,000
	M	C	6000	BIG BEAR CITY CSD	3610008	002	Study potential sources of contamination	1999	\$100,000
	M	C	6000	City of Orland	1110001	001	Replace old 80,000 gallon elevated storage tank with a new 1 MG storage tank.	2000	\$1,500,000
	M	C	6000	BIG BEAR CITY CSD	3610008	001	Construct new transmission main	2000	\$225,000
	M	C	5918	Holtville, City of	1310005	001	Replace existing deteriorated and restricted cast iron water pipelines. See attached description and water system improvement map (attachments 2 and 3).	1998	\$4,134,542
	M	C	5865	San Joaquin County - Lincoln Village	3910010	001	REPLACE ELEVATED TANK WITH PRESSURE TANK AND REPLACE STEEL LINES - (NO EVIDENCE OF CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION.	1998	\$1,000,000
	M	C	5800	Southern Calif WC - Yorba Linda	3010070	001	Study design and construct a new Surface Water Treatment plant to utilize the MWD raw water connection in close proximity to the plant site.	1998	\$2,000,000
	M	C	5500	VALENCIA HEIGHTS WATER CO.	1910163	001	Design and construct replacement wells.	1999	\$700,000
	M	C	5497	Orosi Public Utility District	5410008	002	REPLACE THESE EXISTING PIPELINES WITH NEW 8" DIAMETER PIPELINES TO IMPROVE THE PRESSURE AND WATER QUALITY IN THE AREA AFFECTED. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,175,000
	M	C	5497	Orosi Public Utility District	5410008	001	INSTALL A 1 MG GROUND WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$732,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	5497	Orosi Public Utility District	5410008	003	INSTALL NITRATE REMOVAL EQUIPMENT ON THE WELL HEAD. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
	M	C	5475	SCWC - HOLLYDALE	1910195	002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
	M	C	5475	SCWC - HOLLYDALE	1910195	003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	5475	SCWC - HOLLYDALE	1910195	001	Cement lining water mains in critical areas.	1998	\$100,000
	M	C	5429	CAWC - Montara	4110010	001	Improve capacity of Portola, Alta Vistam Drake, Park, and Wagner wells.	1998	\$1,000,000
	M	C	5429	CAWC - Montara	4110010	020	Alta Vista water treatment plant	1998	\$250,000
	M	C	5429	CAWC - Montara	4110010	016	Telemetry facilities from airport well to school house tank.	1998	\$47,000
	M	C	5429	CAWC - Montara	4110010	006	Installation and/or replacement of pressure relief, check and control valves.	1998	\$281,810
	M	C	5429	CAWC - Montara	4110010	017	Telemetry facilities to Alta Vista storage tank.	1998	\$39,000
	M	C	5429	CAWC - Montara	4110010	019	Park and Gutren Well improvements	1998	\$460,000
	M	C	5429	CAWC - Montara	4110010	014	Electrical rehabilitation (including MCC units , conduit/siring)	1998	\$156,000
	M	C	5429	CAWC - Montara	4110010	003		1998	\$1,000,000
	M	C	5429	CAWC - Montara	4110010	005	Main replacement and installation.	1998	\$1,843,568
	M	C	5429	CAWC - Montara	4110010	009	Replace school house tank with 650,000 storage tank.	1998	\$618,000
	M	C	5429	CAWC - Montara	4110010	015	Standby diesel powered generator (including diesel storage tank).	1998	\$206,000
	M	C	5429	CAWC - Montara	4110010	013	Portola tank 100,000 gal telemetry and booster pump.	1998	\$140,000
	M	C	5429	CAWC - Montara	4110010	018	Airport well #4 Improvements	1998	\$238,000
	M	C	5383	SOLVANG WATER DEPARTMENT	4210013	002	Construction of 2.3 million gallon reservoir	2001	\$3,638,000
	M	C	5355	CWSC Salinas Hills	2710012	001	Install one million gallon tank and booster pump facility.	2001	\$805,000
	M	C	5275	City of Live Oak	5110001	002	The purchase and installation of four generators with automatic switchgear will ensure continuous well operation during power outages.	1998	\$140,000
	M	C	5275	City of Live Oak	5110001	004	The construction of multiple storage tanks would allow the City to meet the storage capacity requirements.	1998	\$500,000
	M	C	5275	City of Live Oak	5110001	005	Replacement of these lines will provide required fire flows and sustain existing water service.	1998	\$650,000
	M	C	5275	City of Live Oak	5110001	001	Construction of an additional well to satisfy CCR, Title 22, Section 64564 requirements and meet peak demands.	1998	\$200,000
	M	C	5100	Blue Lake Springs Mut Wtr	0510009	001	REPLACE UNDERSIZED MAINS WITH NEW, LARGER MAINS	1999	\$4,000,000
	M	C	5060	California Cities Water Company	1710002	001	Replace with 1,000 ft of 8 inch PVC in Lakeshore Dr.	1998	\$90,000
	M	C	5000	Nuevo Water Company	3310026	001	Construct new 1000 gpm capacity well and new 12" pipeline (see attached Plate 1).	1998	\$1,020,000
	M	C	5000	Borrego Springs WC	3710038	004	Construct a 0.5 MG Bolted Steel Tank.	1998	\$140,000
	M	C	5000	Borrego Springs WC	3710038	003	Construct a new well in the southerly one-half of the service area and equip the well with pump and controls.	1998	\$175,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	5000	Borrego Springs WC	3710038	002	Install 3,900 feet of 8" Class 200 PVC water main, with appurtenances and metering facility.	1998	\$125,000
	M	C	5000	Borrego Springs WC	3710038	001	Replace 45 year old 4" and 6" water mains with 6" and 8" pipelines to AWWA standards - length: 29,500 feet.	1998	\$580,000
	M	C	5000	Borrego Springs WC	3710038	005	Install a supervisory control system with data accumulation (SCADA System) to control the system 24 hours per day.	1999	\$80,000
	M	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	001	Conducted a study with an engineering firm, best way to solve the problem was to install booster pump station.	2002	\$95,000
	M	C	4954	Calistoga, City of	2810002	004	Find available water and purchase.	1998	\$1,000,000
	M	C	4954	Calistoga, City of	2810002	003	Site development and construction of new 1 MG storage tank and transmission main.	1998	\$2,000,000
	M	C	4954	Calistoga, City of	2810002	005	Purchase or lease dredging equipment and dredge reservoir over 2 to 3 year summer periods.	1999	\$1,000,000
	M	C	4953	Myoma Dunes Mutual Water Company	3310051	001	Construct new mainlines, replace undersize & deficient mains, install isolation valves.	1998	\$348,000
	M	C	4842	City of Rio Vista	4810004	002	replace deteriorated mains and appurtenances.	1998	\$2,000,000
	M	C	4842	City of Rio Vista	4810004	001	Replace 8" transmission line approximately 2 miles.	1998	\$1,500,000
	M	C	4800	California Rehabilitation Center - Norco	3310800	001	Add air stripping unit for benzene treatment.	1998	\$250,000
	M	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112	003	Develop a new master plan	2000	\$100,000
	M	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	004	Have a hydraulic analysis performed on the system to determine size of reservoirs and location and build reservoirs	2000	\$565,000
	M	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	003	Develop a Water master plan	2000	\$100,000
	M	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	002	Have a hydraulic analysis performed on the system to determine how much pipeline is needed and where, contract for installation of pipelines	2000	
	M	C	4696	TUD - COLUMBIA	5510013	003	ENLARGE THE COLUMBIA WTP'S CAPACITY FROM 1.0 MGD TO 1.5 MGD.	1998	\$230,000
	M	C	4610	TUD-UPPER BASIN	5510012	005	REPLACE STEEL PIPELINES IN EQUAL INCREMENTS OVER A 5 YEAR PERIOD.	1998	\$918,000
	M	C	4610	TUD-UPPER BASIN	5510012	002	CONNECT THE EXISTING LAKEWOOD RESERVOIR TO THE WTP INTAKE VIA PUMP AND PIPELINE.	1998	\$57,000
	M	C	4610	TUD-UPPER BASIN	5510012	008	CONSTRUCT A PIPELINE TO INTERCONNECT THE LEISURE PINES SYSTEM TO THE UPPER BASIN SYSTEM.	1999	\$38,000
	M	C	4610	TUD-UPPER BASIN	5510012	009	RECONSTRUCT THE PRESSURE SYSTEM.	1999	\$26,000
	M	C	4610	TUD-UPPER BASIN	5510012	007	CONSTRUCT A ONE MILLION GALLON STEEL STORAGE TANK.	1999	\$420,000
	M	C	4610	TUD-UPPER BASIN	5510012	006	RELOCATE A 60,000 GALLON BOLTED STEEL TANK TO THE SITE TO PROVIDE RELIABLE SERVICE.	2000	\$52,000
	M	C	4610	TUD-UPPER BASIN	5510012	004	INSTALL A PIPELINE TO INTERCONNECT BETWEEN THE UPPER BASIN SYSTEM AND CRYSTAL FALLS SYSTEM.	2000	\$380,000
	M	C	4610	TUD-UPPER BASIN	5510012	001	CONSTRUCT A 4 INCH DIAMETER PIPELINE AND INTAKE STRUCTURE TO OBTAIN WATER FROM BRENTWOOD POND.	2000	\$22,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	4600	Lakeport, City of	1710004	003	Provide additional water production facilities and upsize lines.	1998	\$5,300,000
	M	C	4576	SO CA WATER CO- VICTORVILLE 1	3610107	001	Replace mainline	1998	\$38,000
	M	C	4500	Konocti County Water District	1710006	001	Replace with 6 and 8 inch PVC pipe.	1998	\$7,500,000
	M	C	4500	Konocti County Water District	1710006	002	Construct new 0.5 MG storage tank.	1998	\$625,000
	M	C	4389	Del Mar - City of	3710004	002	Please see attached	1998	\$260,000
	M	C	4350	Citizens Utilities Company - Felton	4410002	001	Replace water main.	1998	\$300,000
	M	C	4350	Citizens Utilities Company - Felton	4410002	002	Replace San Lorenzo water main.	1998	\$270,000
	M	C	4254	SCWC - WILLOWBROOK	1910072	001	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$100,000
	M	C	4254	SCWC - WILLOWBROOK	1910072	002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
	M	C	4254	SCWC - WILLOWBROOK	1910072	003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	4106	FOWLER, CITY OF	1010006	002	Construct a new well to increase the water supply capacity for both sides of the water system.	2002	\$650,000
	M	C	4000	PLANADA CSD	2410007	002	INSTALL ADEQUATELY SIZED WATER LINES FROM THE SOUTH SIDE OF THE SYSTEM TO THE NORTH SIDE OF THE SYSTEM.	1998	\$190,000
	M	C	4000	NEWHALL CWD-CASTAIC	1910247	002	The District proposes to construct a micro filtration plant to treat the water and utilize in the domestic system. Project involves: Design, and Construction	1998	\$2,800,000
	M	C	4000	NEWHALL CWD-CASTAIC	1910247	001	Design and construct 2.5 MG welded steel storage reservoir in 1630' pressure zone and 8,880 feet of 16-inch diameter waterline.	1998	\$2,660,000
	M	C	4000	VALLEY VIEW MUTUAL WATER CO.	1910165	001	Low pressure on the old main lines, possible storage tanks installation plus a chlorination system.	1999	\$500,000
	M	C	4000	HILMAR COUNTY WATER DISTRICT	2410012	001	Construct a one million gallon water storage tank.	2004	\$1,250,000
	M	C	3800	Weaverville C.S.D.	5310001	008	Install approximately 1400 feet of 12-inch replacement water main.	1998	\$35,000
	M	C	3800	Weaverville C.S.D.	5310001	002	Looping the two mains would eliminate the dead ends and facilitate Trinity River treated water to flow to portion of the East Weaver Pressure Zone.	1999	\$77,000
	M	C	3800	Weaverville C.S.D.	5310001	005	Replace water transmission main.	2000	\$1,050,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	006	Replace 4450 ft of main	1998	\$267,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	007	Replace 2800 ft of main	1999	\$168,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	008	Replace 2770 ft of main	2000	\$166,200
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	009	Replace 3050 ft of main	2001	\$183,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	010	Replace 2250 ft of main	2002	\$135,000
	M	C	3710	ACWA Sutter Creek	0310003	002	REPLACE THE WATER MAIN. OTHER = DESIGN AND CONSTRUCTION	2001	\$85,000
	M	C	3589	Hughson, City of	5010008	001	REPLACE A FOUR INCH WATER MAIN WITH A TWELVE INCH MAIN. OTHER = DESIGN AND CONSTRUCTION	1998	\$500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	3567	Millview County Water District	2310006	004	Add 1 600 gpm filter and 1 3,000 gpm roughing filter.	1998	\$1,000,000
	M	C	3567	Millview County Water District	2310006	002	Enlarge and replace distribution lines.	1998	\$350,000
	M	C	3567	Millview County Water District	2310006	003	New pumping station, distribution system and storage tank.	1998	\$450,000
	M	C	3410	Lee Lake Water District	3310074	001	A water surface treatment facility needs to be constructed to allow the District to use its wells for potable use. Also, a water transmission pipeline must be constructed to connect the wells to the District's existing potable transmission main.	1999	\$1,000,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	001	INSTALL A PRESSURE REDUCING VALVE STATION, CONNECT TO THE HIGH PRESSURE ZONE, AND INSTALL APPROXIMATELY 420 FT. OF EIGHT INCH PIPELINE TO ISOLATE THE NEW ZONE.	1998	\$50,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	007	CONSTRUCT 2,600 FT. + OF 12 INCH PIPELINE ALONG AN ALTERNATE ROUTE TO MAKE THE SYSTEM MORE RELIABLE.	1999	\$200,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	004	CONSTRUCT APPROXIMATELY 2,700 FT. OF 12 IN. PIPELINE.	1999	\$220,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	003	CONSTRUCT A 500,000 GALLON WATER TANK TO PERMIT SAND TO SETTLE AND ALLOW CONTACT TIME FOR CHLORINE.	2001	\$540,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	006	CONSTRUCT ANOTHER PUMP STATION A SANTIAGO RD. AND SOLEDAD CANYON RD.	2001	\$390,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	005	CONSTRUCT 4,200 FT. + OF 12 INCH PIPELINE ON SANTIAGO ROAD TO SIERRA HIGHWAY AND THE NORTH TANK.	2002	\$320,000
	M	C	3350	CWSC Oak Hills	2710019	001	Install a GAC treatment process.	1998	\$200,000
	M	C	3313	San Joaquin County-Mokelumne Acres	3910017	002	ADD WATER LINES TO LOOP ENTIRE SYSTEM. (SAYS CONSOLIDATION, BUT DOES NOT SEEM POSSIBLE.) OTHER = DESIGN AND CONSTRUCTION.	1998	\$400,000
	M	C	3300	Seaside Municipal Water System	2710018	003	Resurface inside of tanks.	2000	\$100,000
	M	C	3300	Seaside Municipal Water System	2710018	002	Replace tops of tanks.	2000	\$150,000
	M	C	3300	Cottonwood County Water Dist.	4510007	001	Construct 1,000,000-gallon tank.	2004	\$750,000
	M	C	3143	Sutter Community S.D.	5110007	002	Add a 1mgal tank and replace old pipe in one section of our system	2001	\$400,000
	M	C	3100	Armona Community Services Dist	1610001	004	NEEDS TO DRILL NEW WELL OR INSTALL A WTP	1998	\$2,186,300
	M	C	3100	Armona Community Services Dist	1610001	002	DRILL A NEW WELL AND ACQUIRE PROPERTY. OTHER - DESIGN AND CONSTRUCTION	1998	\$650,000
	M	C	3044	Home Gardens County WD	3310018	001	A water treatment plant with biological denitrification, filtration and disinfection, plus storage tank for blending, detention and equalization.	1998	\$1,000,000
	M	C	3004	Angels, City of	0510003	003	Replace 3750 linear feet of 10" diameter steel main with 10" diameter C900 main.	2000	\$298,375
	M	C	3000	Lukins Brothers Water Company	0910007	001	Drill new well at property of Well 4 and replace Well 3 on new property.	1998	\$250,000
	M	C	3000	Donner Lake Water Company	2910005	001	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	1999	\$500,000
	M	C	3000	Donner Lake Water Company	2910005	002	Replace main with 10" ductal iron pipe and construct 500,000 gallon storage tank.	1999	\$1,325,000
	M	C	3000	Tahoe Cedars Water Company	3110013	001	System needs a new well for back-up during peak demand period	2001	\$190,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	3000	Murrieta County Water District	3310036	003	Replace main & lateral water lines in older parts of town. Many areas are in lower income areas. Some are also in historical parts of town.	2002	\$750,000
	M	C	3000	BASS LAKE WATER COMPANY	2010003	002	Construct a new 8-inch diameter raw water pipeline.	2002	\$800,000
	M	C	3000	Lukins Brothers Water Company	0910007	003	Install storage tanks with pump and generator station.	2002	\$800,000
	M	C	3000	HERITAGE RANCH CSD	4010012	001	Construct back-up vertical well	2003	\$150,000
	M	C	2970	Redwood Valley County Water District	2310008	004	Replace a 40 HP pressurization pump with a 60 HP pump to increase plant capacity from 1.5 MGD to 2.23 MGD.	1998	\$15,000
	M	C	2970	Redwood Valley County Water District	2310008	002	Construct a 500,000 gal treated water storage tank.	1998	\$365,000
	M	C	2970	Redwood Valley County Water District	2310008	001	Construct a 400,000 gal treated water storage tank.	1998	\$455,000
	M	C	2970	Redwood Valley County Water District	2310008	003	Install 2100 LF of 8 inch main line to loop system and provide improved service characteristics.	1998	\$130,000
	M	C	2900	LITTLE ROCK CREEK IRRIGATION DIST.	1910064	001	Basin clean up using groundwater withdrawal and blending (see attached report) Project involves: Design, and Construction	1998	\$3,900,000
	M	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	005	RETROFIT TWO WATER TANKS WITH FLEXIBLE CONNECTIONS AND MOVE DRAIN/OVERFLOW TO SIDES OF TANKS.	1999	\$112,500
	M	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	001	RECOAT INTERIOR OF 0.50 MG CUYAMA TANK TO PROTECT WATER QUALITY AND PUBLIC HEALTH.	2000	\$80,000
	M	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	004	CONSTRUCT A 500,000 GALLON TANK AT AN INTERMEDIATE PRESSURE ZONE FOR THE HASLEY AREA.	2001	\$5,015,000
	M	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	002	CONSTRUCT NEW WELL WITH CHLORINATION STATION, FOREBAY TANK, AND BOOSTER PUMPING STATION TO MEET CUSTOMER WATER REQUIREMENTS.	2001	\$1,705,000
	M	C	2650	Lake Alpine Water Company	0210001	002	CONSTRUCT WATER STORAGE TANK	1999	\$100,000
	M	C	2633	Coachella VWD: I.D. NO. 8	3310048	001	Replace distribution pipelines to prevent contamination caused by leaks or breaks in the pipelines. In addition, extend and loop distribution pipelines to eliminate dead end lines per CA Water Works Standards, Chapter 16.	2003	\$1,000,000
	M	C	2600	Idyllwild WD	3310019	003	Regrade site and construct two 210,000 gallon steel tanks.	1998	\$245,000
	M	C	2600	Idyllwild WD	3310019	001	Rehabilitate two existing wells and drill one new well.	1998	\$120,000
	M	C	2600	Idyllwild WD	3310019	006	Construct new diversion pipeline and pumping station. Construct new roof on forebay tank.	1999	\$120,000
	M	C	2600	Idyllwild WD	3310019	009	Construct 5,000 feet of 6" and 8" pipeline.	2000	\$180,000
	M	C	2600	Idyllwild WD	3310019	010	Construct 5,000 feet of 6" and 8" pipeline.	2001	\$180,000
	M	C	2600	Idyllwild WD	3310019	011	Construct 5,000 feet of 6" and 8" pipeline.	2002	\$180,000
	M	C	2588	Kelseyville Co Waterworks District 3	1710007	002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$10,000
	M	C	2500	Pine Valley Mutual WC	3710039	003	Replace with an 8" C-900 water main and services.	1998	\$200,000
	M	C	2500	Pine Valley Mutual WC	3710039	006	.5 MG storage tank, pump station, an 8" diameter pipeline at higher than upper elevations.	1998	\$1,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	2500	Santiago County Water District	3010095	001		1998	\$500,000
	M	C	2500	ERSKINE CREEK WC	1510009	001	Interior mainline replacement program	1998	\$350,000
	M	C	2500	Pine Valley Mutual WC	3710039	002	Purchase of emergency chlorinator and portable 300 kw generator for tie-in to distribution largest well.	1998	\$120,000
	M	C	2500	Tahoe Park Water Company	3110018	002	Install a storage tank and pipeline. Involves design and construction.	2000	\$200,000
	M	C	2500	City of Portola	3210003	002	See attached	2000	\$1,681,500
	M	C	2500	Pine Valley Mutual WC	3710039	001	Replace with welded steel tank which meets current standards.	2002	\$175,000
	M	C	2500	Mountain Gate C.S.D.	4510002	002	Construction of 250,000 gallon capacity storage tank, booster pump station, 2,500 feet of 6-inch diameter water main.	2003	\$275,000
	M	C	2488	O'Connor Tract Co-Operative Water Co.	4110019	001	Install 3650 feet of new pipe and reconfigure system to abandon old pipe.	1999	\$500,000
	M	C	2480	AWA, Pioneer I.D. #1	0310010	001	INSTALL NEW WATER MAINS. OTHER = DESIGN AND CONSTRUCTION	2001	\$450,000
	M	C	2458	Clearlake Oaks County Water District	1710001	001	Install a 400 KW generator with electrical switching system	1998	\$80,000
	M	C	2457	Elsinore WD - Lakeland	3310079	002	Design and construct new steel tank to meet WW standards and increase system reliability.	1998	\$250,000
	M	C	2457	Elsinore WD - Lakeland	3310079	001	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide replacement water supply.	1998	\$350,000
	M	C	2457	Elsinore WD - Lakeland	3310079	003	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3 years.	1999	\$3,375,000
	M	C	2438	Shasta C.S.D.	4510013	001	Construct 500,000 storage tank and pump station and extend 12-inch main to increase pressure and provide the reliability required by the Waterworks Standards.	1998	\$650,000
	M	C	2438	Shasta C.S.D.	4510013	002	Produce engineering construction plans and replace restrictive deteriorating line	2001	\$68,000
	M	C	2371	Farm Mutual W.C. (The)	3310046	001		1998	\$1,000,000
	M	C	2371	Farm Mutual W.C. (The)	3310046	002	Construct new reservoir to replace existing reservoir.	2000	\$370,000
	M	C	2370	Lake County CSA 21 - North Lakeport	1710021	001	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
	M	C	2300	Box Springs Mutual WC	3310004	001	Replace all undersized and substandard waterlines.	1998	\$1,000,000
	M	C	2300	Box Springs Mutual WC	3310004	003	Renovation of interior and exterior coatings and structural repairs.	1998	\$130,000
	M	C	2287	North Gualala Water Company	2310007	001	Replace mains, services, create new circulating loops, replace storage tanks, filter plant and generator.	1998	\$1,500,000
	M	C	2275	City of Wheatland	5810004	001	Installation of additional well(s).	1998	\$170,000
	M	C	2270	HILLVIEW WC- OAKHURST/SIERRA LAKES	2010007	002	REPLACE ABOUT 6,000 FEET OF CLASS 160 PVC WITH NEW 12 INCH DUCTILE IRON PIPE.	1999	\$300,000
	M	C	2250	LAKE DON PEDRO C S D	5510008	004	INSTALL BLOWOFFS ON DEADENDS.	1998	\$63,750
	M	C	2244	SO CA WATER CO - MORONGO DEL SUR	3610063	002	Replace mainline	1998	\$570,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	002	Construct 900 LF of 8 inch water line to replace existing 2-inch line on East St.	1998	\$54,000
	M	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	005	Construct 1.0 MG reservoir and 7,200 LF of 14 inch transmission line	1999	\$1,223,000
	M	C	2200	Russian River County Water District	4910008	001	Consolidate with adjacent public water district. Install intertie, replace storage tanks and distribution system. Hacienda water system would be acquired and annexed to Russian River County Water District (population 2,000).	1998	\$1,600,000
	M	C	2200	FRAZIER PARK PUD	1510007	001	REPLACE WATER MAINS WITHIN OUR DISTRICT - REPAIR/REPLACE WATER STORAGE TANKS ADD FIRE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	1999	\$800,000
	M	C	2115	TUD-Tuolumne City	5510003	001	CONSTRUCT PVC PIPELINES TO REPLACE DETERIORATED PIPES AND TO LOOP THE SYSTEM.	1999	\$26,000
	M	C	2115	TUD-Tuolumne City	5510003	002	CONSTRUCT PIPELINE AND PRESSURE REDUCING STATION TO INTERCONNECT THE TWO SYSTEMS.	2001	\$80,000
	M	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001	004	REFINANCE THE CURRENT BALANCE OF THE ASSESSMENT DISTRICT	1998	\$2,500,000
	M	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001	002	REPLACE DETERIORATED WATER MAINS WITH NEW MAINS IN CONFORMANCE WITH THE CALIFORNIA WATERWORKS STANDARDS	1998	\$1,185,000
	M	C	2036	TUD - Cedar Ridge Water System	5510015	001	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$124,000
	M	C	2036	TUD - Cedar Ridge Water System	5510015	002	CONSTRUCT A PUMP STATION AND PIPELINE TO INTERCONNECT THE CEDAR RIDGE SYSTEM TO THE CRYSTAL FALLS SYSTEM.	2001	\$240,000
	M	C	2031	LAKE ELIZABETH MUTUAL WATER CO.	1910056	001	Design and construct a water storage tank on the North side of Fault Zone.	1998	\$500,000
	M	C	2025	Lower Lake County Water District	1710010	006	replace with 12 inch C-900 using proper sand bedding	1998	\$200,000
	M	C	2025	Lower Lake County Water District	1710010	005	Replace existing pipe with C900 and ductile iron where it crosses Herndon Creek.	1998	\$100,000
	M	C	2025	Lower Lake County Water District	1710010	001	Abandon both crossings and relocate to right of way at bridge on Copsey Creek way.	1998	\$55,000
	M	C	2025	Lower Lake County Water District	1710010	003	Replace with 100 -150K storage tank.	2001	\$70,000
	M	C	2025	Lower Lake County Water District	1710010	002	Replace with 500K steel stank. Integrate with existing 500K tank with a 16 inch line and have the ability to shut off each tank for maintenance.	2001	\$200,000
	M	C	2025	Lower Lake County Water District	1710010	008	Replace with new pipe sized to meet current system demands.	2003	\$4,000,000
	M	C	2000	Cabazon County WD	3310047	003	See attachment B	1998	\$575,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006	015	Install connection for emergency generator to speed restoration of service.	1998	\$3,600
	M	C	2000	North Marin WD - Pt. Reyes	2110006	016	Purhcase power generator dedicated to West Marin.	1998	\$35,000
	M	C	2000	Cabazon County WD	3310047	001	See attachment B	1999	\$2,500,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006	012	Computerized controls for PRE pump stations.	1999	\$10,500
	M	C	2000	North Marin WD - Pt. Reyes	2110006	013	Backup pump for PRE	1999	\$60,000
	M	C	2000	BORON CSD	1510002	002	1/2 MILE OF 4" C900 WATERMAIN FROM WATER TANK TO CHERRYHILL - TO OPERATE WELLS DURING OFF PEAK ENERGY HOURS.	1999	\$100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	2000	Westwood C.S.D.	1810002	001	Construct additional 500,000 gallon storage tank. Install generator unit, new pump/tank control system and water meters.	2000	\$500,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006	023	Distribution system improvements ???	2002	\$500,000
	M	C	1975	City of Dunsmuir	4710002	001	Construct storage facilities for upper pressure zone.	1998	\$700,000
	M	C	1900	Laton Community Services District	1010020	002	CONSTRUCT A NEW WELL ON THE EAST SIDE OF THE SYSTEM.	1998	\$348,000
	M	C	1900	Laton Community Services District	1010020	001	REPLACE EXISTING LINE WITH A NEW 8" PVC LINE AND RECONNECT SERVICES.	1998	\$163,000
	M	C	1861	TUD - Ponderosa	5510002	004	REPLACE OLD WRAPPED STEEL PIPE, UPGRADE STORAGE FACILITIES, AND INSTALL TWO NEW STORAGE TANKS.	1999	\$610,000
	M	C	1800	Cobb Area County Water District	1710012	003	construct new storage tanks.	1998	\$94,000
	M	C	1800	Lost Hills Utility District	1510046	001	REPLACE 11 MILES OF TRUNK LINE, DEVELOP RELIABLE WATER SOURCE, UPGRADE PUMP STATION AND INSTALL STORAGE TANK FOR FIRE FLOW. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,500,000
	M	C	1800	Cobb Area County Water District	1710012	004	Replace existing steel mains with pipes more impervious to corrosion.	1998	\$195,000
	M	C	1788	Elsinore WD - Country Club	3310013	001	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide redundancy in source of supply.	1998	\$350,000
	M	C	1788	Elsinore WD - Country Club	3310013	002	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3+ years.	1999	\$3,375,000
	M	C	1788	Elsinore WD - Country Club	3310013	003	Design and construct new steel tank to meet standards, to increase system reliability and to allow major maintenance on other tanks in the system.	1999	\$375,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	003	Construct intertie w/YVWD	1998	\$555,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	002	Construct intertie w/YVWD	1998	\$61,200
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	001	Construct intertie w/YVWD ~ 3600 ft of 20 inch line	1998	\$360,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	006	Provide intertie between system 3610054 and 3610055	1998	\$1,030,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	004	Consolidate with YVWD	2000	\$968,000
	M	C	1736	SCWMD Mather-Sunrise	3410704	004	Replace deficient valves and hydrants.	1998	\$175,000
	M	C	1700	Arbuckle Public Utility District	0610001	001	Replace or install 2,300 feet of water main.	2002	\$125,000
	M	C	1678	Woodville Public Utility Dist	5410025	001	DRILL NEW WELL	1998	\$300,000
	M	C	1660	Caruthers Comm Serv Dist	1010039	003	INSTALL APPROX. 7,000 LF OF NEW WATER MAIN. OTHER - DESIGN AND CONSTRUCTION	1998	\$380,000
	M	C	1600	Pratt Mutual Water Co	5410033	002	REPLACE NEW MAIN	1998	\$200,000
	M	C	1600	Tipton Community Services Dist	5410014	001	CONSTRUCT NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$329,000
	M	C	1600	Tipton Community Services Dist	5410014	002	REPLACEMENT OF THE EXISTING PIPING WITH NEW PIPELINES AND A CROSSING OF HWY. 99. OTHER - DESIGN AND CONSTRUCTION.	1998	\$366,000
	M	C	1600	Fall River Mills C.S.D.	4510008	001	Drill a new well in second community to provide the reliability required by the Waterworks Standards.	1998	\$150,000
	M	C	1600	Skyline County Water District	4110015	001	Construction and pump station in Mountain Meadows area.	1998	\$961,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	1600	Skyline County Water District	4110015	002	Install an emergency back-up generator.	1998	\$150,000
	M	C	1600	Skyline County Water District	4110015	004	Grant funds to study system consolidation. Loan funds debt service would like to have incurred by systems requesting consolidation with the district/	1998	\$30,000
	M	C	1600	North Tahoe PUD - Dollar Cove	3110036	003	Replace 4,510 ft of water mains. Involves design and construction.	2000	\$419,000
	M	C	1540	Hydesville Co. W.D.	1210019	001	1500 feet of 8-inch main to loop system and increase reliability.	1998	\$91,000
	M	C	1540	Hydesville Co. W.D.	1210019	002	1200 feet of 12-inch main (flat) and 225 feet of main (upslope). New main will provide second route from source and increase reliability.	1999	\$118,000
	M	C	1540	Hydesville Co. W.D.	1210019	003	Retrofit tank and loop dead end mains on Guido Lane and Rohnerville Road.	2003	\$650,000
	M	C	1525	Talmont Resort Improvement District	3110047	001	Need new well. Install pressure tank and pressure pumps.	1998	\$150,000
	M	C	1500	Howell Mountain Mutual Water Company	2810001	001	Install 1MG tank at plant. Replace distr. system. Bring earthen dams up to standards. Extend the height of Lake Henne dam. Rebuild the supply piping system for the lakes to the treatment plant.	1998	\$12,400,000
	M	C	1500	LE GRAND COMM SERVICES DIST	2410011	001	CONSTRUCTION OF NEW WELLS AND 22,000 FEET OF NEW WATER LINES.	1998	\$2,282,500
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035	001	Relocate 8" transmission line to New York Drive, attaching line to bridge.	1998	\$150,000
	M	C	1500	DEVORE WC	3610117	004	Refinance existing loan	1998	\$222,695
	M	C	1500	BELLFLOWER HOME GARDENS WC	1910012	001	Design and construction of a replacement well.	1998	\$150,000
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035	002	Replace and realign damaged line to restore delivery of a potable water source.	1998	\$130,000
	M	C	1500	DEVORE WC	3610117	003	Construct new transmission lines from sources to storage, relocate PRVs	1998	\$347,500
	M	C	1500	Majestic Pines Community SD	3710041	001	See attachment	1998	\$0
	M	C	1500	Stinson Beach County Wtr Dist	2110004	001	Highway One Transmission line replacement	1998	\$70,000
	M	C	1500	Stinson Beach County Wtr Dist	2110004	007	Replacement of 3,00 lf undersized transmission mains.	1998	\$170,000
	M	C	1500	Esparto Community Services Dis	5710007	001	Construct storage and booster facility, new well, and transmission mains. Involves design and construction.	1998	\$1,370,900
	M	C	1500	DEVORE WC	3610117	001	Install diesel booster at Devore Rd PRV, Install earthquake valves on reservoirs and 215FWY bridge, add new mainline valves, install soft start on Pump 3	1999	\$26,500
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035	007	Design and construct one larger concrete reservoir.	2000	\$400,000
	M	C	1500	DEVORE WC	3610117	002	New 125k reservoir at top of Greenwood Ave, new well	2000	\$175,000
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035	008	Replace the pipeline for the above three tunnels and upgrade the existing distribution system.	2000	\$1,204,000
	M	C	1488	SO CA WATER CO-VICTORVILLE 5	3610105	002	Replace mainline	1998	\$150,000
	M	C	1437	City of Blue Lake	1210002	002	Design and replace failing pumping facility; replace all failed valves in system; design and construct telemetry system and alarms.	2000	\$600,000
	M	C	1425	Hamilton Branch CSD	3210010	001	Replace 3" steam pipe with 6" C900 PVC pipe.	1998	\$200,000
	M	C	1411	Kettleman City CSD	1610009	002	DRILL A NEW WELL - PROVIDE TREATMENT IF NECESSARY. OTHER - DESIGN AND CONSTRUCTION	1998	\$840,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	1411	Kettleman City CSD	1610009 003	REPLACE STEEL PIPE WITH AWWA PIPE AND INSTALL NEW BUTTERFLY VALVES. REPLACE THE OLD TELEMTRY SYSTEM WITH A NEW EXPANDABLE TELEMTRY SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	1998	\$180,000
	M	C	1400	Buttonwillow CWD	1510011 001	REPLACE 4" LINES WITH 8" LINES AND LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	M	C	1400	Garberville Water Co.	1210008 005	Repair existing tanks and construct additional 100,000 tanks	2001	\$175,000
	M	C	1322	Lake County CSA 20 - Soda Bay	1710022 001	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
	M	C	1300	BASELINE GARDENS MWC	3610007 004	Drill new well	1998	\$300,000
	M	C	1300	BASELINE GARDENS MWC	3610007 005	Replace pipelines	1998	\$600,000
	M	C	1300	CLOVERDALE MUTUAL WATER Co.	5610068 002	Upgrade or replace tank, upgrade well pump.Install control systems.Design, specify & construct so wells can pump directly to the pressurized tank	2003	\$267,000
	M	C	1287	Knights Landing Service District	5710004 001	Construct groundwater well, hydropneumatic tank, auxiliary power unit, controls and piping.	1998	\$150,000
	M	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249 001	Remove the existing pump bowls and motor, clean and redevelop the well and install higher capacities pump bowls and motor depending on the wells yield. Project involves: Design to solve problem, and Construction	1998	\$40,000
	M	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249 003	Remove the existing pressure tanks and install new ones, lined with NSF approved paint. Project involves: Design to solve problem, and Construction	2000	\$70,000
	M	C	1253	AWA, Pine Acres #4	0310009 001	Replace the redwood tanks with steel tanks	2002	\$800,000
	M	C	1223	Redway C.S.D.	1210011 002	Install new main lines in specific areas	2002	\$180,000
	M	C	1211	PASO ROBLES BEACH WATER ASSN	4010006 001	Build new tank and replace mains.	1998	\$650,000
	M	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199 002	CONSTRUCTED 10,000 GPM VOC REMOVAL SYSTEM: AIR STRIPPING TOWERS WITH OFF-GAS TREATMENT	1998	\$2,300,000
	M	C	1200	Grizzly Flats Community Servic	0910006 003	Add a pump, hydropneumatic tank and system pipe tie-in and a 2" service line to customers. Involves design and construction.	1998	\$25,000
	M	C	1200	Grizzly Flats Community Servic	0910006 002	Install an additional 200,000 gallon covered, treated water storage tank. Involves design and construction.	1998	\$175,000
	M	C	1200	Mt. Hermon Association, Inc.	4410008 001	Carry out an Environmental Impact Report.	1998	\$425,000
	M	C	1200	Mt. Hermon Association, Inc.	4410008 004	Purchase and install a new lid for tank.	1998	\$100,000
	M	C	1200	Mt. Hermon Association, Inc.	4410008 003	Dismantle the well head, pull the pump and motor, and insert a piece of pipe in the screened interval section.	1998	\$25,000
	M	C	1187	MADERA CSA NO 3 PARKSDALE	2010006 001	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$400,000
	M	C	1118	LADWP - LONE PINE	1410003 003	Construct new tank	1998	\$310,000
	M	C	1118	LADWP - LONE PINE	1410003 004	Hire consultant to perform system analysis	1998	\$30,000
	M	C	1118	LADWP - LONE PINE	1410003 002	Replace mainline	1999	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	1118	LADWP - LONE PINE	1410003	001	Replace mainline	2000	\$150,000
	M	C	1110	GREEN VALLEY CWD	1910244	001	Expose, remove and replace old lines; refurbish and modify three pressure reducing valves adding pressure sustaining features and low flow bypass; install additional water storage tanks next to existing tanks ...	1998	\$201,250
	M	C	1078	Blythe - Mesa Ranch	3301428	001	Construct a transmission main pipeline connection of the water system to City of Blythe water system.	1998	\$5,033,000
	M	C	1070	City of Loyalton	4610001	002	Replace booster pump. Drill new well. Rehabilitate distribution system.	1999	\$547,000
	M	C	1035	Durham Irrigation District	0410003	001	Replace water mains and increase capacity of new well.	1998	\$180,000
	M	C	1020	Hopland Public Utility District	2310010	001	Install 3 300,000 gallon tanks.	1998	\$700,000
	M	C	1016	SBDNO COUNTY SERVICE AREA W-1	3610060	002	Develop Water Master Plan for the system	2000	\$50,000
	M	C	1000	Amador County Service Area #3/Unit 6	0310021	001	BUILD AND CONNECT TO REGIONAL SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	1998	\$2,100,000
	M	C	1000	Victoria Farms MWC	3610111	001	Replace pipelines	1998	\$400,000
	M	C	1000	Amador County Service Area #3/Unit 6	0310021	002	DEVELOP A SURFACE WATER SUPPLY AND CONSOLIDATE SYSTEM 0310021 WITH 0310008. OTHER = DESIGN AND CONSTRUCTION	1998	\$2,050,000
	M	C	1000	Tranquillity Irrigation Dist	1010030	001	REPAIR WELLS NOS. 4 AND 5, CONSTRUCT NEW WELL NO. 6, IMPROVE TELEMETRY SYSTEM, REPAIR EXISTING ELEVATED STORAGE TANK, INSTALL NEW CHLORINATION SYSTEM, AND INSTALL A NEW STORAGE TANK.	1998	\$570,000
	M	C	1000	MALAGA COUNTY WATER DISTRICT	1010042	001	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCT	1998	\$875,000
	M	C	1000	CEDARPINES PARK MWC	3610011	001	Refinance	1998	\$1,670,500
	M	C	1000	City of Tulelake	4710010	001	Replace old pumps and electrical equipment. Replace chlorination facilities with more reliable and effective equipment.	1998	\$200,000
	M	C	1000	Penngrove Water Company	4910003	001	Add 1 MG tank to adjacent system and consolidate.	1998	\$1,750,000
	M	C	1000	Lake Forest Utility Company, Inc.	3110032	002	Replace undersized lines with 6" and 8" lines. Involves design and construction.	1999	\$500,000
	M	C	1000	EVERYDALE MWC	1910023	002	Buy 1 acre of land, drill and equip a new well, and construct additional storage.	2004	\$325,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	005	THE PROJECT CONSISTS OF INSTALLING 1400 LF OF 12-INCH PIPELINE TO THE TANK ALONG ANOTHER ALIGNMENT.	1998	\$285,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	009	INSTALL APPROX. 4,000' OF 24" PIPELINE AND APPURTENANCES	1998	\$2,457,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	001	REPLACE 2100 FT OF UNDERSIZED 2" WATER MAIN WITH ADEQUATE 6"/8" WATER MAIN.	1998	\$148,500
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	004	TO INSTALL 2800 +/- LF OF SIX AND EIGHT-INCH PIPELINE WITH SERVICES AND FIRE HYDRANTS	1999	\$194,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	002	REPLACE 1-1/4" WATER MAIN IN WEST TRAIL WITH ADEQUATE 6"/8" PIPELINE.	2000	\$45,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	007	UPGRADE EXISITING EMERGENCY CONNECTION WITH LADWP AND EXPAND BOOSTER CAPACITY ACCORDINGLY.	2000	\$400,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	006	RETROFIT TWO TANKS WITH FLEXIBLE CONNECTIONS AND MOVE OVERFLOW DRAINS TO THE SIDE OF THE TANK FROM THE FLOOR.	2000	\$112,500
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	003	INSTALLATION OF PIPELINE ALONG KAGEL CANYON RD FROM EXISTING INTERCONNECTION WITH THE CITY OF LA TO PROVIDE ADEQUATE FIRE PROTECTION.	2001	\$700,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	014	Replace approximately 2000 linear feet of existing 2-inch water main with new 6-inch or 8-inch pipeline	2002	\$200,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	017	Recoat interior of 0.15 MG and 0.30 MG tanks to protect water quality and public health	2002	\$170,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	013	Replace approximately 3800 linear feet of existing 4-inch water main with new 6-inch or 8-inch pipeline	2002	\$430,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	012	Replace approximately 3450 linear feet of existing 11/4-inch water main with new 6-inch or 8-inch pipeline	2002	\$390,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	016	Replace approximately 3800 linear feet of existing 2-inch water main with new 6-inch or 8-inch pipeline	2002	\$430,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	015	Replace approximately 3000 linear feet of existing 4-inch discharge main	2002	\$300,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	010	Upgrade existing emergency interconnection with the City of Los Angeles and expand booster capacity	2002	\$400,000
	M	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	011	Replace approximately 4800 linear feet of existing 11/2-inch water main with new 6-inch or 8-inch pipeline	2002	\$540,000
	M	C	965	MADERA CO SA #1-INDIAN LAKES	2010011	001	INSTALL A NEW WELL AND A 750,000 GALLON STORAGE TANK.	1998	\$300,000
	M	C	960	MARIANA RANCHOS CWD	3610030	001	Replace mainline	2000	\$270,000
	M	C	915	San Joaquin County - Thornton	3910009	001	DRILL A NEW WELL.	1998	\$450,000
	M	C	910	METROPOLITAN WATER COMPANY	1000057	001	CONNECT TO THE CITY OF FRESNO.	1998	\$25,000
	M	C	910	METROPOLITAN WATER COMPANY	1000057	003	INSTALL NEW PIPELINES	1998	\$14,000
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023	002	Construct a new well. Involves design and construction.	1998	\$280,000
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023	001	Construct an 8,330 ft, 12" diameter intertie to District's main water system. Involves design and construction.	1999	\$1,082,500
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023	003	Replace 3,170 ft water mains. Involves design and construction.	2001	\$315,800
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023	004	Replace 2,400 ft of pipe. Involves design and construction.	2002	\$409,600
	M	C	892	LOS ANGELES CO WW DIST 39-ROCK CREEK	1910025	001	CONSTRUCT A NEW 500' WELL TO REPLACE EXISTING WELL AND INSTALL 500' OF PIPELINE	2002	\$450,000
	M	C	873	Del Oro Water Co.-Magalia	0410009	001	Will be alleviated with the current construction of an intertie and new storage tank.	1998	\$376,000
	M	C	870	So Calif WC-Mor Del Norte	3600270	002	Replace mainline	1998	\$74,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	855	Jubilee MWC	3600139	001	Construct new tank	1998	\$75,000
	M	C	851	FRESNO CO WATER WORKS DIST 18	1010051	001	Install new filter, modify clearwell, and add new storage tank.	2000	\$461,870
	M	C	842	TUD-Scenic View/Scenic Brook	5510033	003	CONSTRUCT A PIPELINE TO INTERCONNECT WITH THE APPLE VALLEY SYSTEM AND DRILL A NEW WELL.	1998	\$60,000
	M	C	842	TUD-Scenic View/Scenic Brook	5510033	005	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$142,000
	M	C	842	TUD-Scenic View/Scenic Brook	5510033	002	REPLACE THE DETERIORATED PIPELINE IN MIDLAND DRIVE.	1999	\$48,500
	M	C	842	TUD-Scenic View/Scenic Brook	5510033	001	EXTEND THE HEIGHT OF THE SHORT TANK. ALSO CONSOLIDATE THIS SYSTEM WITH THE APPLE VALLEY AND PHOENIX LAKE PARK SYSTEMS.	2000	\$40,000
	M	C	840	Oak Springs Vly WC (CSA 70G)	3600186	001	Construct telemetry system	1998	\$50,000
	M	C	840	Oak Springs Vly WC (CSA 70G)	3600186	002	Master Plan Study	2000	\$50,000
	M	C	840	Hillsvieview Homes	5010007	004	Purchase and install one 150 KW diesel generator to provide emergency power for wells.	2003	\$60,000
	M	C	832	Lake County CSA 2 - Spring Valley	1710018	003	Conduct capacity analysis and develop master plan.	1998	\$100,000
	M	C	800	Lake Forest Mutual W.C.	1800511	001	Recoat largest storage tank. Build new tank. Replace and add fire hydrants.	1998	\$0
	M	C	800	City of Vallejo-Lakes System	4810021	003	replace old pipes in the area with 4,750 lineal feet of 6" PVC pipe including the installation of four new hydrants.	1998	\$321,000
	M	C	800	FALLSVALE SERVICE COMPANY	3610021	001	Repair or replace mainlines and tanks	1998	\$90,000
	M	C	800	City of Vallejo-Lakes System	4810021	002	To consolidate with that of the Green Valley Water System.	1998	\$3,600,000
	M	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	005	Replace line from tank to distribution system.	1998	\$96,090
	M	C	800	Thunderbird CWD	3600306	003	Construct disinfection facilities	2000	\$50,000
	M	C	800	Thunderbird CWD	3600306	001	Construct new 200,000 gallon reservoir	2000	\$160,000
	M	C	800	Thunderbird CWD	3600306	002	Construct new line	2001	\$90,000
	M	C	775	MADERA CO SA NO 19-ROLLING HILLS	2010009	001	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$500,000
	M	C	770	INDIAN CREEK COMMUNITY SERVICE DISTRICT	1410005	001	Construct a 500,000 gallon storage tank	2000	\$600,000
	M	C	770	Squaw Valley Public Service District	3110020	003	Construct a groundwater treatment plant.	2001	\$5,500,000
	M	C	770	INDIAN CREEK COMMUNITY SERVICE DISTRICT	1410005	002	Install 50,000 gallon storage tank and booster pump station.	2002	\$800,000
	M	C	750	SAN MIGUELITO MWC	4010003	012	Institute an aggressive leak detection and repair program for entire system.	1998	\$10,000
	M	C	750	SAN MIGUELITO MWC	4010003	005	Construct a separate, new boost station to take advantage of higher pressure state water.	1998	\$20,000
	M	C	750	SAN MIGUELITO MWC	4010003	008	Replace existing steel water mains with PVC C-900 mains.	1999	\$80,000
	M	C	750	SAN MIGUELITO MWC	4010003	010	Install piping and backwash pump to take water from adjacent tank no. 550 rather than system	1999	\$27,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	739	NORMCO WC	2700511 001	Acquire and install all of the above.	1998	\$90,000
	M	C	700	GREEN VALLEY MWC	3610023 001	Construct new mains, add storage facilities	1998	\$500,000
	M	C	700	CSA 42 Oro Grande	3600220 001	Construct new second reservoir	1998	\$100,000
	M	C	700	BIG PINE CSD	1410004 001	Construct new well	1999	\$140,000
	M	C	700	CSA 42 Oro Grande	3600220 004	Improve well by raising above grade	2000	\$35,000
	M	C	700	CSA 42 Oro Grande	3600220 003	Develop new master plan	2000	\$50,000
	M	C	700	Placer CSA - Sheridan	3110048 001	New wells and ground level water storage tank	2002	\$875,000
	M	C	695	San Bernardino CSA 70W-3 (Hacienda)	3600114 001	Construct 5.25 miles of new mainline	1998	\$1,164,240
	M	C	695	San Bernardino CSA 70W-3 (Hacienda)	3600114 002	Improve system replace old pipe and add booster station	2000	\$580,000
	M	C	695	San Bernardino CSA 70W-3 (Hacienda)	3600114 005	Develop new master plan	2000	\$50,000
	M	C	690	YERBA BUENA WATER COMPANY	5610006 003	Purchase a storage tank site and construct a 250,000 to 300,000 gallon tank.	2003	\$650,000
	M	C	673	YUIMA MUTUAL WATER DISTRICT IDA	3700938 002	Replace 10,840' of main lines with CML/C or C900 PVC pipe.	1998	\$314,300
	M	C	667	San Joaquin County - Wilkinson Manor	3910024 001	CONSOLIDATE INTO A SINGLE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$3,000,000
	M	C	665	East Wood Farms CWU	3600100 002	Construct new pressure tank, drill well, install meters	1998	\$115,767
	M	C	660	Ward Well Water Company	3110031 001	Replace tank - increase capacity, replace mains	2001	\$250,000
	M	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905 006	Build 17,600 feet of 4-inch and 35,300 feet of 6-inch new water mains.	2002	\$2,580,800
	M	C	648	El Dorado Mutual Water Co.	1900803 001	REPLACE BOTH TANKS.	1998	\$125,000
	M	C	640	Strawberry Lodge MWC	3600301 001	Replace mainline	1999	\$750,000
	M	C	625	San Bernardino CSA 70W-4 (Pioneertown Water Users)	3600196 001	Construct new well and treatment facility	1998	\$150,000
	M	C	600	San Francisco Regional Water System	3810001 056	Design a bypass tunnel, so Hetch Hetchy water does not receive local runoff during storm events.	1998	\$14,548,000
	M	C	600	San Francisco Regional Water System	3810001 011	Reverse shift in channel by relocation of side cast quarry rock from one side to another, replace natural impediments to creek flows.	1998	\$4,000,000
	M	C	600	San Francisco Regional Water System	3810001 048	Provide seismic anchorage for these water tanks. Provide flexible connections between the tanks, the inlet and outlet piping.	1998	\$3,200,000
	M	C	600	San Francisco Regional Water System	3810001 014	Replace three sections of pipeline.	1998	\$12,600,000
	M	C	600	San Francisco Regional Water System	3810001 040	Investigate areas where flexible connection should be made piping in reservoirs; replace the seals in reservoir roofs where it has been determined to deter contamination of these treated water reservoirs,	1998	\$70,400,000
	M	C	600	San Francisco Regional Water System	3810001 010	Review the existing piping design for effectiveness and appropriateness. Produce the plans and specifications including rearranging the connection for SVWTP.	1998	\$33,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	600	San Francisco Regional Water System	3810001 003	Replace trestles above low water where required. Replace walkways and guardrails where required. Raise elevation of support where required.	1998	\$6,650,000
	M	C	600	San Francisco Regional Water System	3810001 006	Perform study and analysis of existing timer trestles to determine their ability to withstand future earthquakes. Develop alternatives to achieve this goal followed by design and construction of necessary work.	1998	\$24,610,000
	M	C	600	San Francisco Regional Water System	3810001 019	PROVIDE PARALLEL TUNNEL THAT WILL UPGRADE SYSTEM TO RELIABILITY TO AN ACCEPTABLE LEVEL. PROVIDE AN ALTERNATIVE FACILITY TO MEET THE SAME.	1998	152,000,000
	M	C	600	San Francisco Regional Water System	3810001 012	MAKE PREPARATION OF PLANS AND SPECIFICATIONS FOLLOWED BY CONSTRUCTION WORK.	1998	\$439,000
	M	C	600	San Francisco Regional Water System	3810001 037	Repair and re-line the portion of San Joaquin pipeline between San Joaquin river and Tesla Portal.	1998	\$3,000,000
	M	C	600	San Francisco Regional Water System	3810001 042	Plan, design. And install diesel generators and buildings at critical water pumping stations.	1998	\$9,040,000
	M	C	600	San Francisco Regional Water System	3810001 046	Determine appropriate locations needing pressure reducing values between the northerly portion of the University Mound distribution system and adjacent higher pressure water supply system.,	1998	\$370,000
	M	C	600	San Francisco Regional Water System	3810001 017	SEISMICALLY ANCHOR TANKS, PUMPS, AND PIPING. PROVIDE AUTOMATIC SHUT-OFF VALVES ON CHEMICAL FEED LINES AND OTHER ITEMS.	1998	\$3,925,000
	M	C	600	San Francisco Regional Water System	3810001 041	Build a pump station to pump water either from or to SCVWD.	1998	\$7,900,000
	M	C	600	San Francisco Regional Water System	3810001 038	Add a fourth pipeline to the San Joaquin system.	1998	\$250,000
	M	C	600	San Francisco Regional Water System	3810001 062	Design and construct expansion of SVWTP to 240 mgd treated water reservoir solids handling facilities and pipelines and pump station expansion.	1998	\$14,670,000
	M	C	600	San Francisco Regional Water System	3810001 036	Slip-line existing pipelines (put a pipe side), where possible, and to replace it where this is not feasible.	1998	\$90,200,000
	M	C	600	San Francisco Regional Water System	3810001 043	Evaluate the need and the type of standby power needed at the various facilities.	1998	\$2,100,000
	M	C	600	San Francisco Regional Water System	3810001 028	relocate and upgrade the PRVs and other critical valves.	1998	\$2,620,000
	M	C	600	San Francisco Regional Water System	3810001 024	REPAIR AND REPLACE THE DETERIORATED VALVES IN ORDER OF CRITICALITY. ADD NEW VALVES FOR FLEXIBILITY ABD RELIABILITY WHERE DETERMINED.	1998	\$470,000
	M	C	600	San Francisco Regional Water System	3810001 031	UPGRADE SWITCH GEAR, ELECTRICAL SYSTEMS, PUMPS AND OTHER ITEMS. ADD NECESSARY AUTOMATION IN FACILITIES TO SUPPORT SCADA.	1998	\$4,100,000
	M	C	600	San Francisco Regional Water System	3810001 025	PROVIDE A NEW SUNSET FEEDER MAIN. BUILD PRESSURE REDUCING STATION AND MAKE CONNECTIONS TO THE UM SYSTEM MAINS.	1998	\$26,000,000
	M	C	600	Snowcrest Hts. Imp. Assoc	3600262 001	Construct source, storage, and distribution facilities	1998	\$500,000
	M	C	600	San Francisco Regional Water System	3810001 063	Design and construct expansion of SVWTP to 240 mgd; treated water reservoir; solids handling facilites; and pipelines and pump station expansion.	1999	265,100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	600	AVILA BEACH COMM WATER DIST	4000222	005	Construct new storage tank.	2002	\$450,000
	M	C	600	AVILA BEACH COMM WATER DIST	4000222	004	Design and Construct a booster station	2002	\$82,000
	M	C	600	AVILA BEACH COMM WATER DIST	4000222	003	Replace corroded tanks, valves and system piping.	2002	\$250,000
	M	C	586	LADWP INDEPENDENCE	1410002	001	Replace mainline	1998	\$400,000
	M	C	586	LADWP INDEPENDENCE	1410002	005	Hire consultant to perform system analysis	1998	\$30,000
	M	C	586	LADWP INDEPENDENCE	1410002	002	Replace mainline	1999	\$350,000
	M	C	586	LADWP INDEPENDENCE	1410002	003	Replace mainline	2000	\$250,000
	M	C	586	LADWP INDEPENDENCE	1410002	006	Construct new tank	2000	\$100,000
	M	C	586	LADWP INDEPENDENCE	1410002	004	Replace mainline	2001	\$200,000
	M	C	585	Sierra Cedars CSD	1010052	001	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$250,000
	M	C	578	Julian Community Services District	3700909	001	Replace with updated modern equipment	1999	\$150,000
	M	C	574	Gasquet C.S.D.	0800555	005	Purchase a 100 KW 3-phase generator.	1998	\$32,000
	M	C	574	Gasquet C.S.D.	0800555	006	Engineering for installing an additional 250,000 gallon storage tank.	1998	\$30,000
	M	C	574	Gasquet C.S.D.	0800555	007	Add an additional 150 GPM pressure filter.	1998	\$38,000
	M	C	574	Gasquet C.S.D.	0800555	008	Install additional 250,000 gallon water storage tank.	1999	\$195,000
	M	C	574	Gasquet C.S.D.	0800555	002	Build distribution system to serve these residences filtered water.	1999	\$250,000
	M	C	555	CARMEL RIVIERA MWC	2701254	001	Drill one or two new wells with the assistance of a Groundwater Geologist to obtain at least 50 gpm of sustainable yield of good quality ground water.	1998	\$250,000
	M	C	550	WESTSIDE PARK MUTUAL	1900102	001	CONSTRUCTION OF A NEW 500,000 GALLON TANK TO INCREASE STORAGE AND AN ENLARGED PUMPING STATION.	1998	\$250,000
	M	C	550	ARROWBEAR PARK CWD	3610110	001	Replace mainline to WW stds.	1999	\$150,000
	M	C	550	BRIDGEPORT PUD	2610003	001	Construct new main, generator, and pumps	1999	\$250,000
	M	C	550	WESTSIDE PARK MUTUAL	1900102	002	Purchase 300 KW Diesel standby generator.	2002	\$85,000
	M	C	537	Lake County CSA 6 - Finley	1710019	001	Construct 100,000 gal storage tank and evaluate consolidation with Kelseyville and Soda Bay systems.	1998	\$500,000
	M	C	537	Lake County CSA 6 - Finley	1710019	002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$75,000
	M	C	500	PLEASANTTIMES MUTUAL WATER CO.	0707576	001	Install 4" minimum lines to replace 2" low pressure lines, 10,000 L.F.	1998	\$550,000
	M	C	500	SAN LUCAS WD	2701676	003	Design and engineering of a new water tank.	1998	\$77,000
	M	C	500	LAKE ISABELLA COMMUNITY SERVICES DIST	1503270	001	DESTROY WELLS AND REPLACE WATER LINE	1998	\$29,400
	M	C	500	CIRCLE OAKS CO WATER DISTRICT	2800521	001	Cut into bedrock material and replace tank with 70,000 to 100,000 gal tank.	1998	\$300,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	500	Resort Imprvmt. Dist. #1	1210022 001	Engineering planning design for construction/repair of tanks.	1998	\$24,100
	M	C	500	Jacumba Community SD	3710011 001	Drill a new well at an already aquired site that is at an elavation higher than existing well sites.	1998	\$67,000
	M	C	500	PINEWOOD MEADOWS MHP	5000090 001	UPGRADE DISTRIBUTION PIPING. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
	M	C	500	Deer Park Nudist Resort/Buff Creek	3600308 001	Construct new well and tank	1998	\$50,000
	M	C	500	Tres Pinos CWD	3500509 001	Drill new well. Construct new pipe line. Add 500,000 gallon tank and other new equipment. Need funds for design and construction.	1998	\$1,000,000
	M	C	500	LOG CABIN RANCH	4100531 001	Installation of emergency generator, valves, piping, watert storage tanks and cleaning of emergency water source.	1998	\$500,000
	M	C	500	Resort Imprvmt. Dist. #1	1210022 009	Engineering design and construction of tanks.	1999	\$464,600
	M	C	500	CROWS LANDING COMM SVC DISTRICT	5000005 001	INSTALL NEW DISTRIBUTION LINES. OTHER = DESIGN AND CONSTRUCTION.	1999	\$500,000
	M	C	500	LSID-Strathmore System	5410036 002	MANIFOLD DISTRICT GROUND WATER WELLS TO INCREASE CAPACITY AND YIELD. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
	M	C	499	SAN SIMEON ACRES	4000568 002	Construct an upgraded parallel line to the reservoir.	2003	\$100,000
	M	C	497	Westhaven C.S.D.	1210024 001	Booster station and/or new main line.	1998	\$50,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 006	Install 2 air/vac valves and 3 fire hydrants.	1998	\$7,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 004	Replace old pressure reducing valves, as well as adding two more to the system to reduce pressure to less than 100 psi.	1998	\$11,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 005	Replace water main with 6 inch PVC as well as lateral services.	1998	\$775,500
	M	C	475	Armstrong Valley - Cal Water Service	4910018 001	Install transmission line to adjacent public water system to purchase water.	1998	\$85,000
	M	C	450	TRADEWIND WATER ASSOC.	1500406 002	SYSTEM AND STORAGE TANK WERE REPLACED	1998	\$450,000
	M	C	450	Town of Sunol-SFPUC	0110012 001	Replace 2" service main with 4" service mains. Install fire service mains and hydrants within the distribution system; Replace the existing transmission/supply pipeline.	1998	\$533,080
	M	C	450	San Bernardino CSA 70 F-Morongo Valley	3600226 001	Construct 2.37 miles of new mainline	1998	\$525,571
	M	C	450	VERDE VALE WATER COMPANY	4500007 001	Replace float system in reservoir; Replace pressure system; Update pumping system and electrical to provide the reliability required by the Waterworks Standards.	1998	\$10,000
	M	C	450	GLEN MARTIN MWC	3610016 001	Construct new reservoir, replace mainline, drill new well	1999	\$1,000,000
	M	C	450	San Bernardino CSA 70 F-Morongo Valley	3600226 003	Replace pipe and booster stasion	2000	\$580,000
	M	C	450	San Bernardino CSA 70 F-Morongo Valley	3600226 004	Develop new master plan	2000	\$50,000
	M	C	450	Orleans C.S.D.	1200729 001	Construct a 100,000 gallon storage tank and place a liner in an existing redwood tank	2001	\$90,000
	M	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195 003	Repair complete reservoir to provide the reliability required by the Waterworks Standards.	1998	\$10,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	438	City of Tehama	5200504 002	Replace 8000 lineal feet with 6" mains and valves.	1998	\$212,500
	M	C	438	VEGA RD MWS #1	2700787 001	Construct new water tank and associated appurtenances.	2000	\$175,000
	M	C	430	Weott C.S.D.	1200553 001	Remove and replace water transmission lines under the south fork of the Eel River.	1998	\$50,000
	M	C	430	Weott C.S.D.	1200553 002	Remove old tank and install two 50,000 gallon tanks.	1998	\$146,000
	M	C	430	Weott C.S.D.	1200553 005	Remove/replace approximately 1.25 miles of old steel lines. Install connection lines and valves between the two treatment lines at the plant.	1998	\$25,000
	M	C	430	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 004	CONSTRUCT ELEVATED STORAGE TANK	2001	\$300,000
	M	C	429	SANTA CRUZ COUNTY SANITATION	4400571 003	Construction of new mains.	1998	\$200,000
	M	C	417	Myers Flat M.W.S. Inc.	1200538 001	Will replace 4-inch PVC main line under Highway 101 with 8-inch PVC. Replace 4-inch PvC with 6-inch PVC main stem line.	1998	\$25,890
	M	C	413	OAKVALE PARK	3700962 001	Installing a drinking water approved vinyl liner in tank.	1998	\$5,000
	M	C	413	OAKVALE PARK	3700962 002	Installing isolation valves in distribution system.	1998	\$7,000
	M	C	413	OAKVALE PARK	3700962 003	Installing larger water line of approved material to better serve residents and avoid damage to paved county rd.	1998	\$20,000
	M	C	410	LASSEN PINES MUTUAL WATER CO	4500210 001	Construct water storage tank.	2003	\$300,000
	M	C	405	SUNNYSIDE FARMS MUTUAL	1900146 001	REPLACE TANK BOTTOM.	1998	\$30,000
	M	C	405	SUNNYSIDE FARMS MUTUAL	1900146 002	DRILL NEW WELL.	1998	\$15,000
	M	C	400	MARKLEEVILLE WATER COMPANY	0202504 001	Locate additional water source and replace pipeline.	1998	\$2,000,000
	M	C	400	Clear Creek CSD-Westwood	1800512 003	Construct 250,000 gallon storage tank. Install 8" and 6" water lines to replace existing 4" and 2" lines.	2000	\$250,000
	M	C	400	ARROWHEAD MANOR WATER CO	3610026 003	Increase size from 2" to 6" of import water line from CLAWA	2000	\$0
	M	C	400	TRIPLE R MUTUAL WATER CO	5400670 001	Blending treatment or drill new wells	2002	\$100,000
	M	C	400	ARROWHEAD MANOR WATER CO	3610026 004	Replace 60,000 feet of pipeline	2002	\$8,000,000
	M	C	400	ARROWHEAD MANOR WATER CO	3610026 005	Inspect and coat or replace existing storage tanks	2002	\$220,000
	M	C	396	MANANA WOODS MUTUAL WATER CO	4400539 001	Replace lines, and install shut-off valves, meters, and purification filters.	1998	\$50,000
	M	C	380	FILLMORE IRRIGATION CO	5601105 001	Construct a new tank (125,000 gallons) at site that includes soil compaction, pad, erect new tank with earthquake anchors and signal devices for well pump.	2002	\$90,000
	M	C	380	FILLMORE IRRIGATION CO	5601105 002	Elevate casing head, pour new slab-realign discharge pipe-elinate possibility of surface contamination	2003	\$25,000
	M	C	372	Lake County CSA 7 - Bonanza Springs	1700544 002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	365	Cedar Lodge Resort	2210900	001	INSTALL ADDITIONAL WELLS OR A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM THE MERCED RIVER.	1998	\$200,000
	M	C	360	Sierra Brooks PSD	4600009	001	Construct new storage tank, refurbish existing tank and thus correct pressure problems.	1998	\$450,000
	M	C	360	BROADVIEW TERRACE WATER CO	2000521	001	INSTALL 6 INCH DIAMETER MAINS WITH FIRE HYDRANTS.	1999	\$300,000
	M	C	350	Village of Rovana	1400006	003	Replace lines	1998	\$611,500
	M	C	350	Village of Rovana	1400006	004	Construct new tank	1998	\$107,400
	M	C	350	Village of Rovana	1400006	005	Replace upper segment of line	1998	\$95,200
	M	C	350	Village of Rovana	1400006	002	Drill backup well	1998	\$381,300
	M	C	350	Village of Rovana	1400006	006	Install backup system	1998	\$45,200
	M	C	350	Heights Mutual Water Company	4900612	001	Replace 2 inch main with 6 inch, install fire hydrants, replace deteriorated redwood storage tank, construct new well in the upper pressure zone.	1998	\$500,000
	M	C	350	VILLA DEL MONTE MWC	4400595	001	Replace distribution system.	1999	\$490,256
	M	C	350	IVCSD - Crescent Mills	3200510	003	new water mains, laterals	2001	\$532,190
	M	C	340	RAND COMMUNITIES CWD - RANDBURG	1510016	001	REPLACE WITH A 500,000 GALLON STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,005,800
	M	C	340	RAND COMMUNITIES CWD - RANDBURG	1510016	002	CONSTRUCT THREE NEW 100,000 GALLON STEEL TANK RESERVOIRS. OTHER - DESIGN AND CONSTRUCTION	1998	\$409,000
	M	C	340	RAND COMMUNITIES CWD - RANDBURG	1510016	003	REPLACE WATER MAINS AND REHABILITATE THE WELL AND BOOSTER PUMPS. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,626,000
	M	C	340	ARBOR MOBILE HOME PARK	3900831	001	RENOVATE BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$10,000
	M	C	330	Charles Brown Water Company	1400004	001	Replace distribution system piping	1998	\$100,000
	M	C	325	Desert Springs MWC	3600089	002	Replace mainline Phase I	1998	\$67,676
	M	C	325	Desert Springs MWC	3600089	001	Replace mainline Phase II	1999	\$67,676
	M	C	325	Desert Springs MWC	3600089	003	Replace mainline Phase III	2000	\$69,000
	M	C	320	KRISTA MUTUAL WATER COMPANY	1500475	001	Remove and replace pump and pump house. Install additional storage tank, replace 5000' of 8" trans. Pipeline, property and ROW for tank with piping. OTHER - Design and Construction	1998	\$300,000
	M	C	315	SLIDE INN SNOWBOWL WATER CO	5500077	001	Upgrade and replace existing pipelines and install new tank already purchased. OTHER-Refinance and Design	1998	\$125,000
	M	C	310	Lake County CSA 13 - Kono Tayee	1700554	002	Consolidate with Paradise Valley water system with 800 ft connection line.	1998	\$250,000
	M	C	310	Lake County CSA 13 - Kono Tayee	1700554	001	Conduct capacity analysis and develop master plan, study possibility of consolidation with Paradise Valley water system.	1998	\$100,000
	M	C	300	Elk Creek Community S.D.	1100616	002	Construct pipeline across creek. Loop dead end lines to reduce problems.	1998	\$232,000
	M	C	300	Hope Foundation/Moriah Heights	0300062	001	INSTALL AUTOMATIC SHUT-OFF ON TANK FILL LINE. INSTALL FE & MN REMOVAL SYSTEM. DRILL BACK-UP WELL.	1998	\$80,000
	M	C	300	SHADOW ACRES MUTUAL WATER CO	1900301	001	TIE THE DEAD-ENDS TOGETHER AND LOOP OUR ENTIRE DISTRIBUTION SYSTEM	1998	\$280,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	300	High Valley Water District	3301775	001	For the past 3 yrs. We have replaced approx. 1 mile a year of the bade pipe with ductile iron. This is approx. all that the budget will allow. Although replacing pipe in the worst areas has helped, to save cost we replace all the pipe in house.	1998	\$3,000,000
	M	C	300	California Pines C.S.D.	2500503	001	Drill a new well to provide the reliability required by the Waterworks Standards. Recoat the interior of the water tank.	1998	\$50,000
	M	C	300	SAHARA MOBILE COURT	3900964	001	REPLACE DISTRIBUTION SYSTEM	1998	\$500,000
	M	C	300	Sierraville P.U.D.	4600018	001	Replace deteriorated and undersized water lines. Repair existing storage tank and add a second tank. Install water meters on all services.	1998	\$500,000
	M	C	300	MEADOW LAKES CLUB	1000056	001	INSTALL A NEW TRANSMISSION LINE.	1999	\$100,000
	M	C	300	SHADOW ACRES MUTUAL WATER CO	1900301	002	INSTALL A BOOSTER SYSTEM NEAR THE WHOLESALER'S WATER TURNOUT.	2000	\$130,000
	M	C	300	CAMPTONVILLE COMM. SERV. DIST	5800924	001	Discover and develop water supply spring or well. Construct 1200 feet of 6" mainline. Construct new storage tank.	2000	\$94,000
	M	C	300	Owens Valley Water Co.	1400005	001	Determine problem for lack of water pressure and repair	2001	\$25,000
	M	C	300	Mineral City Water System, Inc.	5200503	003	Drill second well and add more storage tanks	2001	\$50,000
	M	C	300	ROYAL OAKS M.H.P.	5400573	001	Connection to the California Water Service-Visalia system	2001	\$35,000
	M	C	288	Siskiyou Co. Rolling Hills MWC	4700528	002	Install new water mains, flushing hydrants, and 125,000 gallon storage tank.	2002	\$750,000
	M	C	288	ENOS LANE PUBLIC UTILITY DISTRICT	1500544	002	Loop system	2003	\$300,000
	M	C	280	Redwood Park C.S.D.	0800526	001	Replace the two water storage tanks with new tanks.	1998	\$200,000
	M	C	280	Redwood Park C.S.D.	0800526	002	Replace the water tank(s).	2000	\$200,000
	M	C	276	BUTANO CANYON MUTUAL	4100503	001	Install new distribution system of high density polyethylene, with 96 metered connections and a new 40,000 gallon header tank at higher elevation.	1998	\$450,000
	M	C	273	PEDRAZZI MWC	2701364	001	Drill a new well and tie it into the existing system.	1998	\$561,050
	M	C	273	TAMARRON MOBILE HOME PARK	5500193	001	REPLACE PUMPS AND PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	M	C	271	Phillipsville Water Association	1200541	001	Install complete water system including wells, pumps, water treatment and storage tank.	1998	\$1,300,000
	M	C	270	FAIRMEAD DIST #33	2000554	001	CONSTRUCT A NEW WELL.	1998	\$250,000
	M	C	268	Rabb Park Community Ser. Dist.	0310015	002	INSTALL 750' OF C-900 PIPELINE. OTHER = DESIGN AND CONSTRUCTION.	1998	\$38,000
	M	C	268	Rabb Park Community Ser. Dist.	0310015	004	REFINANCE AT LOWER INTERST RATE	1998	\$11,250
	M	C	267	West Palm Springs Village	3310078	002	Design and construct 11,000' of new watermain to meet the WWS and increase system reliability by interconnecting the PZ source of supply sites and storage site with new watermains.	1998	\$530,000
	M	C	267	West Palm Springs Village	3310078	001	Construct new well with pump, for increasing system reliability by providing redundancy in source of supply to meet the WWS.	1998	\$149,000
	M	C	255	Benbow W.C.	1200671	001	Construct 250,000 gallon welded steel tank to provide adequate storage.	1998	\$175,000
	M	C	250	Zellhoefer Water System	1400097	004	Replace well transmission line, storage tank	1998	\$34,800

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	250	Coulterville CSA 1	2210901	002	INSTALL A PRESSURE SYSTEM FOR THE HIGHER ELEVATION CUSTOMERS AND INSTALL ALL NEW METERS AND VALVES.	1998	\$200,000
	M	C	250	Zellhoefer Water System	1400097	001	Replace mainline, valves	1998	\$19,600
	M	C	250	Zellhoefer Water System	1400097	005	Construct new well and tank	1998	\$44,600
	M	C	250	Zellhoefer Water System	1400097	003	Replace mainline, valves	1998	\$12,500
	M	C	250	Zellhoefer Water System	1400097	002	Replace mainline, valves	1998	\$18,600
	M	C	250	QUEEN MOTEL	2700706	001	Consolidate with CWSC - King City.	1998	\$230,500
	M	C	250	Palomino Lakes Mutual Water Co.	4900570	001	Construct new 100,00 or 150,00 gal tank.	1998	\$85,000
	M	C	250	Twin Valley, Inc.	4300575	002	Install new tank & piping.	1998	\$150,000
	M	C	250	El Portal Mobile Estates	4900799	001	Connect to City of Santa Rosa water supply or design an alternate form of water production.	1998	\$250,000
	M	C	250	Northcrest Trailer City	0800552	001	Hook up to City of Crescent City water system	2000	\$30,000
	M	C	250	PARK HEIGHTS MUTUAL WATER CO	5000017	001	REPLACE DISTRIBUTION SYSTEM AND UPGRADE WELL.	2000	\$400,000
	M	C	249	SAN JERARDO COOP	2701904	001	Drill new well and install new pump facilities. Obtain a standby generator and disinfection equipment & install them.	1998	\$145,000
	M	C	245	RIVERVIEW WATER ASSN	0707577	001	Drilling deeper well and installing newer pump.	2000	\$10,000
	M	C	240	Hornbrook C.S.D.	4700513	001	Eliminate deadends by looping. Where looping not possible, provide flushing valves at end of deadend.	1998	\$550,000
	M	C	231	Walnut Ranch Water Company	0600011	001	Construct additional water source and pipeline appurtenances.	1998	\$150,000
	M	C	230	FCSA #32/CANTUA CREEK	1000359	001	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	1998	\$200,000
	M	C	230	So Calif WC-Victorville # 3	3600279	001	Replace mainline	1998	\$216,000
	M	C	230	GREENBELT WATER COMPANY INC	4400598	003	Replace tank with new 60,000-gallon steel tank.	2000	\$32,000
	M	C	225	MOUNTAIN MEADOWS MWC	2600620	001	Construct second storage tank	1998	\$250,000
	M	C	225	Western Mobile Home Park	4900791	001	Run 2 inch line with 3/4 inch lateral to each of the 5 homes affected.	1998	\$10,000
	M	C	225	CASITAS MUTUAL WATER COMPANY	5601104	001	Design to solve problem, increase pumping ability (psi), replace old lines & interconnect to form grids and loops.	1998	\$150,000
	M	C	225	MOTHER LODGE MOBILE ESTATES	5500125	001	INCREASE STORAGE OR HOOK TO PUBLIC SUPPLY	1998	\$75,000
	M	C	225	Western Mobile Home Park	4900791	002	Run 2" line with 3/4" service connections to each home.	2000	\$10,000
	M	C	225	MOTHER LODGE MOBILE ESTATES	5500125	002	Installation of a new storage tank.	2002	\$20,000
	M	C	224	ANGLER'S SUBDIVISION #4	0707569	001	Install 3" - 4" lines throughout entire system. To each lot/hook-up.	1998	\$560,000
	M	C	215	BUENA VISTA WATER COMPANY	2701870	001	Install six 50,000 gallon tanks, pumps, six standby generators, and pumphouses for three separate storage & booster facilities.	1998	\$525,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	211	PARADISE RANCH MHP c/o SANTIAGO ASSOC.	1910099	004	REPLACE 107,000 GAL. TANK.	1998	\$35,000
	M	C	211	FERN GROVE WATER CLUB	4400572	001	(1) Replace one and a half miles of main line. (2) Drill a second well.	1999	\$500,000
	M	C	210	Kirkwood Meadows Pubilc Utilit	0210002	001	Drill additional water well and related treatment facility construction.	1998	\$300,000
	M	C	210	Kirkwood Meadows Pubilc Utilit	0210002	002	Drill test wells to find reliable, high volume well.	1998	\$40,000
	M	C	210	CSA No. 31 (Stonegate WS)	3500006	001	Re-coat tanks.	1998	\$100,000
	M	C	208	ROLLING WOODS MUTUAL WATER CO	4400542	001	Replace water line.	1998	\$12,500
	M	C	200	SKY HIGH RANCH HOA	0500021	001	REPLACE/REMEDiate DISTRIB8UTION SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1998	\$625,000
	M	C	200	Adams Springs Water District	1700501	001	System rebuild.	1998	\$500,000
	M	C	200	Crown Ranch Pumping Company	3301878	001	Install a new tank.	1998	\$40,000
	M	C	200	Palm Springs Crest	3310081	002	Design and construct new well with pump, modify existing Well 25 pump for delivery to a higher elevation, along with 3,000' of new watermain to meet WWS, increase system reliability, and provide redundancy in source-of-supply.	1998	\$397,000
	M	C	200	Palm Springs Crest	3310081	003	Design and construct new pressure reducing station, along with 2,500' of new watermain to meet the WWS and abandon the intermediate tank/booster facilities.	1998	\$219,000
	M	C	200	WEST OLIVE MOBILE/RV PARK	1000259	001	CONNECT TO FRESNO MUNICIPAL WATER SUPPLY - CITY OF FRESNO. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
	M	C	200	Yosemite West Water System	2210924	001	CONSTRUCT A NEW WELL AND BACKUP GENERATOR, INSTALL AN EMERGENCY CHLORINATION SYSTEM, AND MAKE VARIOUS DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$670,000
	M	C	200	Palm Springs Crest	3310081	001	Design and construct new steel tank to replace old tank, along with 3,000' of new water main tomeet the waterworks standards and increase system reliability.	1998	\$356,000
	M	C	200	A & A MOBILE HOME PARK	5400504	001	Drill new Well	1998	\$150,000
	M	C	200	Sierra Co. W.W.D #1, Calpine	4600019	001	Drill new well, construct new pumping station, and construct new storage tank (140,000 gallons). Replace old riveted steel pipe.	1998	\$275,000
	M	C	200	Sonoma County CSA 41-Salmon Creek	4900543	001	Construct elevated storage tank.	1998	\$75,000
	M	C	200	Sonoma County CSA 41-Salmon Creek	4900543	002	Improvements of the subsurface diversion.	1998	\$10,000
	M	C	200	R.R. Lewis Small WC	4600017	001	Replace 300 feet of 2" and 3" pipe with 4" pipe. Install new storage reservoirs. Purchase emergency chlorination equipment.	1998	\$104,100
	M	C	200	LOWER ROCK CREEK MUTUAL WATER CO.	2600538	001	Construct new 100k gal tank	1999	\$80,000
	M	C	200	MUSICK MEADOWS #2	1000061	001	CONSTRUCT ANOTHER STORAGE TANK AND IMPROVE OLD PIPELINES.	1999	\$275,000
	M	C	200	KINGS CANYON MOBILE HOME PARK	1000267	001	CONSTRUCT A NEW WELL AND REPLACE PIPELINES.	1999	\$150,000
	M	C	200	LOWER ROCK CREEK MUTUAL WATER CO.	2600538	002	Construct 900 ft of 6inch to loop upper zone	2000	\$95,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	200	TUCKER ACRES MUTUAL WATER CO.	2800516	001	Put in approximately 1,100 feet of new water line, sawing through road then patching, 3 shut-off valves, one blow-off valve, necessary permits	2000	\$60,000
	M	C	200	TUCKER ACRES MUTUAL WATER CO.	2800516	002	Replace 1,100 feet of water main.	2001	\$60,000
	M	C	200	ALLEN ROAD MUTUAL WATER SYSTEM	1500483	001	DRILL NEW WELL. OTHER - STUDY, DESIGN, CONSTRUCTION AND OTHER	2002	\$100,000
	M	C	200	LEISURE PINES MUTUAL WATER CO	5500053	002	Install a new storage tank and pump station.	2003	\$50,000
	M	C	198	AVWC-Lands of Promise	1500424	001	INSTALL 6" MAINS AND 6 -200 TO 500 GAL TANKS.	1998	\$271,760
	M	C	197	LONG CANYON WATER COMPANY CORP.	1500578	001	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$50,000
	M	C	196	TWAIN HARTE VALLEY MWC	5500080	002	INSTALL 4,752 FEET OF 6 INCH DIAMETER PVC PIPELINES.	1999	\$35,640
	M	C	195	Gordon Acres (Stewart WC)	3600297	002	Construct new well and two new reservoirs	1998	\$150,000
	M	C	195	Gordon Acres (Stewart WC)	3600297	001	Construct new pressure tank, repair leaks, replace well, replace booster pumps, redwood lines	1998	\$150,000
	M	C	195	WOODSIDE MUTUAL WATER COMPANY	4100546	001	Replace existing pipes and provide more storage for fire protection	1999	\$1,500,000
	M	C	190	Green Mountain Water Company	4300560	001	Drill a second well.	1998	\$19,000
	M	C	186	EAST OROSI C.S.D.	5401003	001	DRILL A SECOND WELL FOR FUTURE USE IF PRIMARY WELL IS SHUT OFF. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	M	C	180	Keeler Community Service Dist.	1400036	004	Replace mainline	1998	\$125,000
	M	C	180	METTLER COUNTY WATER DISTRICT	1500401	001	DRILL NEW WELL AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	M	C	180	Keeler Community Service Dist.	1400036	002	Construct new 150k tank	1998	\$125,000
	M	C	180	Keeler Community Service Dist.	1400036	003	Construct new well	1998	\$195,000
	M	C	175	Oak Glen Domestic Water	3600185	001	Replace mainline	1998	\$200,000
	M	C	170	Foothill Mobilehome Park	1400037	001	Construct new well and tank	1998	\$48,000
	M	C	170	Michele Mutual Water Company	4900552	001	Replace mains and upgrade hardware in the process: 40,000 gal redwood tank, approx. 7,400 feet of mains, wells and pumps as required.	1998	\$190,000
	M	C	170	Harbin Hot Springs	1700511	001	Replace old galvanized pipe and install new 100,000 gallon storage tank.	2003	\$300,000
	M	C	166	STRUVE RD WS #2	2700772	001	Build storage tanks and take measures for well head protection. These projects would involve study, design, and construction.	1998	\$50,000
	M	C	165	ISOT Well #3 & #15	2500911	003	Consolidate existing water systems into one system, which will loop the distribution lines and provide the reliability required by the Waterworks Standards.	1998	\$45,000
	M	C	165	ISOT Well #3 & #15	2500911	002	Installation of an elevated storage tank and an enlarged pumping station to provide the reliability required by the Waterworks Standards.	1998	\$250,000
	M	C	162	LAGUNA SECA WC	2700612	001	Install disinfection equipment. Upgrade storage and distribution lines.	1998	\$55,000
	M	C	160	Pinyon Pines County Water District	3301512	001	Replace substandard mains.	1998	\$75,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	150	ACAMPO WATER SYSTEM	3901303	001	REPLACE WELL 2 WITH NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	M	C	150	Aberdeen Resort	1400020	001	Replace mainline and loop system	1998	\$105,000
	M	C	150	STRAWBERRY COOP WS #6	2700766	001	Replace holding tank and remove existing tank.	1998	\$12,240
	M	C	150	GARRAPATA WC INC	2701257	001	Install new piping (supported in areas with steel beams in concrete), fencing, pumps, meters, storage tanks, and a new well.	1998	\$124,900
	M	C	150	CAMP WILLIAMS	1900529	001	RETAIN SERVICES OF REQUIRED PERSONNEL TO DO REPAIRS.	1998	\$6,874
	M	C	150	BSA/CAMP MIRIMICHI	1000159	001	DRILL A WELL.	1998	\$22,000
	M	C	150	Delta Conservation Camp	4810801	001	Need new storage tank.	1999	\$45,000
	M	C	150	STRAWBERRY COOP WS #6	2700766	002	Replace existing tank or tanks with new tank and new cement pad.	2000	\$12,000
	M	C	150	STRAWBERRY COOP WS #6	2700766	003	Need a cement slab at well to prevent contamination. Need new 15,000 gallon tank.	2001	\$15,000
	M	C	150	PONDEROSA C.S.D.	5400934	001	Replace 210,000 gallon storage tank	2001	\$150,000
	M	C	150	Austin Creek Mutual (Springhill)	4900630	001		2003	\$5,000
	M	C	147	Howell's Lakeside Water Co.	5200007	001	Install new tanks, upgrade pumps, clean wells and install plumbing.	1998	\$100,000
	M	C	146	GAYLA MANOR PWS	3900563	001	REPLACE EXISTING WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	M	C	144	SIERRA BREEZE MUTUAL WATER COMPANY	1500447	001	TREATMENT SYSTEM FOR NITRATES; REPLACE DISTRIBUTION LINES. OTHER - DESIGN, STUDY AND CONSTRUCTION	1998	\$300,000
	M	C	141	AVWC - GRAND OAKS WATER CO.	1500374	001	DRILL AND EQUIP NEW WELL AND INSTALL ADDITIONAL STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$200,000
	M	C	135	DONEY STREET NEIGHBORHOOD ASSOC.	1500284	001	CONSOLIDATE SYSTEM WITH EAST NILES & REFINANCE EXISTING DEBT. OTHER - REFIANCE, DESIGN & CONSTRUCTION	1998	\$400,000
	M	C	135	AWA La Mel Heights #3	0310019	001	DRILL A SECOND WELL AND REPLACE THE TANK WITH A LARGER, NEW ONE. OTHER = DESIGN AND CONSTRUCTION.	2002	\$175,000
	M	C	133	Lake County CSA 16 - Paradise Valley	1700516	002	Consolidate with Kono Tayee water system with 800 ft connection line.	1998	\$250,000
	M	C	133	Lake County CSA 16 - Paradise Valley	1700516	001	Conduct capacity analysis and develop master plan, study possibility of consolidation with Kono Tayee water system.	1998	\$100,000
	M	C	130	BIRCHIM COMMUNITY SERVICE	2600501	001	Replace mainline	1998	\$250,000
	M	C	130	WILLOW PASS MOBILE HOME PARK	0707624	001	New system, replace pipes, storage tank, pump, install filtration to improve water quality.	1998	\$200,000
	M	C	130	YOSEMITE FORKS ESTATES MUTUAL WTR	2000527	001	REPLACEMENT OF PIPELINES. THIS PROJECT WILL ALSO BENEFIT THE ADJACENT CEDAR VALLEY SYSTEM WHICH IS INTERCONNECTED.	1998	\$483,000
	M	C	130	ARROYO CENTER WC	2701658	001	Replacement of distribution system facilities, e.g. pipes, valves	2000	\$30,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	130	ARROYO CENTER WC	2701658	002	Add about 40,000 gallons of storage	2000	\$30,000
	M	C	130	WILLOW PASS MOBILE HOME PARK	0707624	002	Install filtration system and new piping.	2000	\$200,000
	M	C	130	AERIAL ACRES WATER SYSTEM	1500405	002	Install from Ave. A to Ave. B (~675 ft.) & along length of Ave. B (~2625 ft.) of 6-inch, class 150, C-900 pipe with tracer wire to replace existing transite lines (~3,300 ft. total), installation of 6-inch & 4-inch gate valves along Ave. B, 4-inch pipe	2003	\$50,000
	M	C	126	PRINCES CAMP RESORT	2701355	001	Replace pipes and pump.	1998	\$28,673
	M	C	125	VOLTA COMMUNITY SERVICES DISTRICT	2400201	001	DRILL NEW WELL AND PROVIDE GENERATOR.	1998	\$50,000
	M	C	125	Bear Creek Housing Community	2400152	001	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM AND CONSTRUCT A NEW WELL SO THAT THE PLANADA CSD HAS SUFFICIENT SOURCE CAPACITY TO SUPPLY THE SYSTEM.	1998	\$500,000
	M	C	125	Lake Canyon Mutual Water Company	4300522	002	Replace distribution lines.	1998	\$94,000
	M	C	125	EMIGRANT GAP MUTUAL WATER CO.	3103310	002	Drill an additional well and connect to existing storage tanks several feet away.	2000	\$15,000
	M	C	125	Mineral Homeowners Association	5200585	001	Replace distribution system pipes.	2000	\$300,000
	M	C	120	CLEMENTS WATER WORKS #43	3900504	001	DRILL SECOND WELL AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	M	C	120	LAKESHORE HEIGHTS MUTUAL WATER	4500014	001	Install a 250,000 gallon storage tank and all plumbing for operation to provide the reliability required by the Waterworks Standards.	1998	\$250,000
	M	C	120	TAHOMA MEADOWS WATER CO.	3100033	001	Repair or replace the tank.	1999	\$75,000
	M	C	120	OAKLEY MUTUAL WATER CO.	0706004	001	replace as necessary.	1999	\$100,000
	M	C	120	Woodson Bridge Estates	5200551	001	Build a water tower for storage.	1999	\$0
	M	C	120	Woodson Bridge Estates	5200551	002	Construct new lines.	2000	\$250,000
	M	C	120	Sky Ranch Water System	5200562	002	New holding tank 100,000 gal. Lay new piping system, alternate pump, alternate energy source for power.	2001	\$200,000
	M	C	120	SIERRA KING HOMEOWNERS ASSN.	5400940	001	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	2001	\$25,000
	M	C	120	OAKLEY MUTUAL WATER CO.	0706004	002	Replace pump #2 Well and pressure system	2003	\$40,000
	M	C	119	Lake County CSA 22 - Mt. Hannah	1700563	002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$100,000
	M	C	115	Darwin CSD	1400098	004	Construct new tank	1998	\$200,000
	M	C	112	Hi Desert MWC	3600123	001	Construct new hydro tank	1998	\$38,000
	M	C	110	Big Pine Care Center	1400062	003	Construct two replacement wells	1998	\$14,000
	M	C	110	Big Pine Care Center	1400062	002	Construct new distribution system	1998	\$75,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	110	Big Pine Care Center	1400062	001	Construct new tank	1998	\$7,500
	M	C	110	MAURLAND MANOR WATER SYSTEM	3900543	001	INSTALL PRESSURE TANK, REPLACE LINES WITH LARGER PIPES AND CONSOLIDATE WITH SYWSTEM 3901348. OTHER = DESIGN AND CONSTRUCTION	1998	\$400,000
	M	C	110	Kelly Mutual Water Company	4900560	001	Replace distribution mains, hydrants, pressure tanks.	1998	\$200,000
	M	C	110	Plaza Mobile Home Park	4900787	001	Activate 2nd existing nonoperational well by installing new pumps and chlorination system and enclose.	1998	\$2,000
	M	C	110	Pine Flat Water Company	5410034	001	INSTALLLL NEW WELLS AND STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
	M	C	110	Plaza Mobile Home Park	4900787	002	Activate second existing non-operating well by installing new pump, chlorination system, and enclosure.	2000	\$5,000
	M	C	108	HOLLY HILLS MWC	2701789	001	New pumping station, new well, and increase storage.	1998	\$150,000
	M	C	108	LOMA MAR MUTUAL	4100512	004	Enlarge system storage and reserve.	1998	\$100,000
	M	C	108	LOMA MAR MUTUAL	4100512	001	Engineer and design new treatment system.	1998	\$18,000
	M	C	108	LOMA MAR MUTUAL	4100512	005	Install and construct new system piping	1998	\$400,000
	M	C	105	TICO MUTUAL WATER CO	5601122	003	Install a new well supply line	1998	\$50,000
	M	C	105	TICO MUTUAL WATER CO	5601122	001	Add a pressurized 8,000 gallon storage facility to the system immediately downstream of the current main tank.	1999	\$35,000
	M	C	105	TICO MUTUAL WATER CO	5601122	002	Provide chlorination treatment facilities for both wells.	1999	\$15,000
	M	C	105	Spaulding/Eagle Lake MWC	1800534	001	Replace 2-inch pipes with 6-inch pipes throughout the water system.	2001	\$125,000
	M	C	103	TUD-PHOENIX LAKE PARK	5510025	001	INTERCONNECT TO THE ADJACENT SCENIC VIEW WATER SYSTEM.	1999	\$36,000
	M	C	100	SANDY CREEK VILLAGE MHP	1000260	001	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$15,000
	M	C	100	OASIS PARK MOBILE HOME PARK	1900677	001	REPLACE OLD GALVANIZED PIPES WITH PLASTIC PIPES	1998	\$60,000
	M	C	100	DUNROVIN MOBILE HOME VILLAGE	0500068	001	INSTALL GENERATOR AND SMALL BACK-UP PUMP	1998	\$20,000
	M	C	100	Johnsville Public U.D.	3200505	001	Water available above present springs and dam. Construct 300 to 400 feet of pipeline.	1998	\$100,000
	M	C	100	MCARTHUR MOBILEHOME PARK	4500084	001	Install additional well, storage tanks and pumps to provide the reliability required by the Waterworks Standards.	1998	\$50,000
	M	C	100	CASCADE RACQUET CLUB MUTL WATR	4500012	001	Construct hydropneumatic storage tank; build larger pumping facility with standby generator to provide reliability required by the Waterworks Standards.	1998	\$40,000
	M	C	100	Barts Mutual Water Company	4900843	001	Crill new well. Install new storage tank. Upgrade existing tanks or main pipeline. Upgrade existing controls and valves. Construct control station facility and chlorination system.	1998	\$723,000
	M	C	100	Arrowhead Cooperative Company	4300504	001	Run new 10-inch mains from SJWC to all streets. Abandon existing system. The study and design has already been done by SJWC.	1998	\$1,642,632

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	100	LAKESHORE VILLA MUTUAL WATER C	4500008	001	Purchase generator compatible with 3 stage electrical system and build a structure to house generator to provide the reliability required by the Waterworks Standards.	1998	\$20,000
	M	C	100	Feather River RV and MHP	3200148	001	Shut down entire system and install pipes where needed and valves where necessary.	1999	\$15,000
	M	C	100	Mira Monte Water Co.	5200560	001	Construct new well for water system.	1999	\$30,000
	M	C	100	OAKHURST MOBILE HOME ESTATES	2000593	001	Install a backup power unit.	2000	\$800
	M	C	100	Elk County Water District	2300514	001	Replace distribution system with new mains.	2002	\$650,000
	M	C	100	Arrowhead Cooperative Company	4300504	002	Install new (distribution system) mains from San Jose Water Company and abandon current system.	2002	\$1,200,000
	M	C	100	Magic Mountain Mutual Water Company	4900637	001	Replace mainlines and new tanks	2002	\$650,000
	M	C	100	Oceanview Mutual Water Co.	3000621	003	Evaluation of repairs needed; construct necessary repairs in order to consolidate with the City of Huntington Beach Water System.	2003	\$160,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013	005	new generators	2004	\$75,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013	006	new tank	2004	\$230,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013	004	new well, pump, and tank	2004	\$300,000
	M	C	98	CORRAL HOLLOW PWS	3900702	001	CONSTRUCT PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCT	1998	\$300,000
	M	C	95	WESTERNER MOBILE HOME PARK	3400331	001	Consolidation.	2000	\$50,000
	M	C	95	WESTERNER MOBILE HOME PARK	3400331	002	Hook up to public water supply, City of Sacramento	2001	\$30,000
	M	C	95	SUNRISE TRAILER PARK	4800512	001	Purchase water and consolidate with the City of Vacaville	2001	\$100,000
	M	C	95	SUNRISE TRAILER PARK	4800512	002	Purchase and install new 2" metered service connection to City of Vacaville water system.	2002	\$100,000
	M	C	94	Lake View Mutual Water Co.	2300606	002	Install readily accessible shut-off valves so system components can be isolated.	1998	\$3,500
	M	C	90	MESA DEL TORO MWC	2701503	001	Replace storage tanks and water lines. Install a chlorination system.	1998	\$10,000
	M	C	90	SIERRA VILLAGE TRAILER PARK	5500353	001	CONSTRUCT AN ADDITIONAL WELL AND INSTALL A 20,000 GALLON STORAGE TANK.	1998	\$48,000
	M	C	90	SIERRA VILLAGE TRAILER PARK	5500353	002	Install storage and water lines.	2001	\$75,000
	M	C	88	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336	001	From 4" to 6" main line pipes. Existing system installed in 1959.	1999	\$300,000
	M	C	88	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336	003	Replace approximately 1500 feet of the distribution system water line.	2001	\$81,693
	M	C	87	CREEKSIDE VILLAGE WATER SYSTEM	3100052	001	Connect to PCWA. Involves Construction and other.	1998	\$130,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	85	TULARCITOS MWC	2701800 001	Drill second well adjacent to our #1 well. Also, put in new pump and motor.	1998	\$35,000
	M	C	85	SIERRA TWAIN HARTE MOBILE PARK	5500096 001	CONSTRUCT AN ADDITIONAL WELL.	1999	\$25,000
	M	C	85	MOUNTAIN SPRINGS WATER COMPANY	1500540 002	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	2000	\$220,000
	M	C	84	Lazy Corral Mobile Home Park	5200516 001	Re-plumb to City water system.	1998	\$380,200
	M	C	84	Lazy Corral Mobile Home Park	5200516 002	Connect to Corning City Water System	2000	\$180,000
	M	C	83	LAZY H MUTUAL WATER CO.	3700937 001	Replace 11250' mains and laterals with 8" and 4" C900 pipe, upgrade service connections.	1998	\$213,500
	M	C	80	Bel Arbres Mutual Water Company	2300608 003	Install 18 backflow devices.	1998	\$10,000
	M	C	80	Bel Arbres Mutual Water Company	2300608 002	Install clean out valve and two shut-off valves.	1998	\$4,000
	M	C	80	Timber Cove County Water District	4900584 006	Connect to timber Cove WD system via pumping stations and new water main up to Timber Cove Road.	1998	\$250,000
	M	C	80	Bel Arbres Mutual Water Company	2300608 001	Install 10,000 gal tank with ozone purifier and additional booster pump.	1999	\$15,000
	M	C	80	Timber Cove County Water District	4900584 005	Replace undersized asbestos cement pipes with properly sized pipes.	1999	\$45,000
	M	C	80	Timber Cove County Water District	4900584 004	Install new larger water mains.	1999	\$100,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 002	Replace circuits and service lines	2000	\$5,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 003	Construct new storage tank	2000	\$50,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 001	Construct Two new wells	2000	\$20,000
	M	C	80	Timber Cove County Water District	4900584 003	Larger pressure tank and system for area affected.	2000	\$75,000
	M	C	80	Elms Mobile Park	3301247 001	Upgrade/replace well pump, build protective structure (steel building), enlarge storage tanks. (System has one well & 5,000 gal corrugated storage tank serving 50 connections. City of Indio has water main in adjacent street for emergency connection if nee	2001	\$40,000
	M	C	79	Clio Public U.D.	3200509 001	Construct new 150,000 gallon storage tank. Replace 6,580 feet of 6" water main.	1998	\$528,500
	M	C	79	H & J WATER COMPANY	3700073 003	Install four-inch diameter mains.	2002	\$21,000
	M	C	78	Austin Acres Mutual Water Company	4900620 001		2003	\$5,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 001	DRILL A NEW WELL	1998	\$39,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 002	SITE PREPARATION, PURCHASE, AND INSTALLATION OF A NEW 20,000 GAL. OR TWO 10,000 GAL. STORAGE TANKS.	1998	\$16,000
	M	C	75	WILLO GLEN MUTUAL	3100573 001	Hook up to available PCWA with main meter. Install individual water meters at each existing connection.	1998	\$40,000
	M	C	75	Trails End Mutual Water Company	3301682 001	We were donated much larger tank in very good shape. We need money to contract out the assembly of our new tank.	1998	\$20,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	75	SIERRA PINES MOBILE HOME PARK	0202522	001	Install larger tank and larger pump.	1998	\$50,000
	M	C	75	SIERRA ESTATES HOMEOWNERS ASSOCIATION	2900548	001	Install new well and install float-pressure switch for tank.	1998	\$4,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155	003	UPGRADE TO A NEW 5,000 + GAL. TANK AND UPGRADE BOOSTER PUMP.	1998	\$13,000
	M	C	75	Oak Valley Acres P.O.A.	4700638	002	Install new, higher capacity well pump and two new 5,000 gallon storage tanks.	1998	\$13,000
	M	C	75	Oak Valley Acres P.O.A.	4700638	001	Purchase and install a new booster pump and recondition the existing pump and use it for a backup.	1998	\$2,500
	M	C	75	REDWOOD TERRACE MUTUAL	4100510	001	Replace and upgrade piping, filtration pump capacity and dig another well.	1998	\$120,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155	004	DESIGN AND CONSTRUCT A NEW DISTRIBUTION SYSTEM COVERING APPROXIMATELY 163 ACRES.	1999	\$50,000
	M	C	72	MCCOY RD WS #5	2701040	001	Install tanks holding approx. 30,000 gallons and new pumping station. Install main lines from holding tanks with fire hydrants on new distribution lines.	1998	\$150,000
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023	002	Install chain link fence around pumping/disinfection and remote storage facilities to provide the protection required by the Waterworks Standards.	1999	\$5,000
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023	004	Replace disinfection tank to provide the reliability required by the Waterworks Standards.	2001	\$6,500
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023	005	Replace storage tank to provide the reliability required by the Waterworks Standards.	2002	\$65,000
	M	C	70	COUNTRYSIDE ESTATES MWC	2702374	001	Install water meters. Build fence around storage tanks.	1998	\$4,500
	M	C	70	WILLOWBANK CLUB INC	5700549	001	Install new well, new distribution system, and increase water supply and flow.	1998	\$600,000
	M	C	70	COUNTRY AIR MOBILE HOME PARK	5800823	001	Upgrade current system to ensure adequate safe supply.	1998	\$8,000
	M	C	70	APPLE ST WS #2	2701034	001	Replace sections of the distribution system which may contain the contamination.	1999	\$50,000
	M	C	70	North Lone Pine Water District	1400072	001	Construct new distribution system	1999	\$40,000
	M	C	70	LUNDY MUTUAL WATER COMPANY 1	2600532	001	Refinance loan, construct new tank and well, purchase generator and other equipment	1999	\$500,000
	M	C	70	Riverside County	3301690	001	Install a above ground tank and new service lines. Install back-up well.	2002	\$90,000
	M	C	70	Callahan Water District	4700503	002	Construct new storage tank and install new water mains.	2002	\$650,000
	M	C	69	GARLEN COURT WS	2700686	001	Design and construct a new roof and make other necessary repairs to the tank.	1998	\$15,000
	M	C	69	GARLEN COURT WS	2700686	003	Replace existing distribution lines.	1999	\$50,000
	M	C	68	Moore's Mooring	0800653	001	Hook up to City of Crescent City water system. Need to install pipe from Front Street to First street water area and backup valves.	1999	\$3,500
	M	C	68	Irish Beach Water District	2310012	001	Repair, patch, and repaint water storage tanks. Professional inspection of water system facilities to produce a water system master plan.	2002	\$150,000
	M	C	67	MORO COJO MWA	2700656	002	Storage tanks and wells need to be repaired and/or replaced.	1998	\$13,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	67	MORO COJO MWA	2700656	001	Purchase two 7500 gallon water tanks.	1998	\$9,278
	M	C	66	LEAFWOOD COMMUNITY WA	2700624	001	Replace storage tank with a steel tank. Possibly add a chlorination system.	1998	\$35,000
	M	C	63	BRITE LAKE COMMUNITY ASSOCIATION	1500489	001	Replace 2000-3000 ft. of water line. Replace pump and well system	1998	\$30,000
	M	C	63	Chamisal MWC	3600071	001	Replace mainline and storage facilities	1998	\$500,000
	M	C	63	West End Mutual (Willow Wells)	3600345	001	Construct new mainline and storage facilities	1998	\$340,000
	M	C	63	Placer CWA - Monte Vista	3110124	001	Install standby generator. Involves design and construction.	1999	\$30,000
	M	C	60	BLACKIE RD WS #18	2702094	001	Install all of the above.	1998	\$35,000
	M	C	60	INDIAN CREEK MOBILE HOME PARK	2000589	001	INSTALL A NEW PUMP AND STORAGE TANK, AND A TREATMENT SYSTEM.	1998	\$15,000
	M	C	60	WEGIS WATER SYSTEM	1502600	001	Replace failing tankage w/larger storage tanks, install second distribution pump + associated piping, install new distribution piping + fire hydrant, eliminate dead leg. Other - Study/Design/Construction	1998	\$90,000
	M	C	60	Bend Mobilehome & RV Park	5200512	001	Solve problem with treatment (chlorination).	1998	\$40,000
	M	C	60	ELKHORN WS #4	2700579	002	Replace tank.	1999	\$20,000
	M	C	60	ELKHORN WS #4	2700579	001	Replace pipes with new material which is up to standard.	1999	\$21,500
	M	C	60	INDIAN CREEK MOBILE HOME PARK	2000589	002	Construct a new well and install storage.	2000	\$17,500
	M	C	57	Big Lagoon Subdivision	1200592	001	Purchase water system; overhaul electrical system; and add a generator to ensure continuous water delivery.	1998	\$100,000
	M	C	57	TIERRA VISTA MWC	2701959	001	Drill a new well, and replace storage tanks and delivery system.	1999	\$80,000
	M	C	56	Smith Creek Mutual Water Co.	3200086	001	Hire contractor to remove sand deposits, sandblast and recoat interior, repair support columns and paint exterior of tank.	1998	\$10,000
	M	C	55	DESMOND RD WS #3	2700547	002	The electrical panel, tanks, and some water lines all need to be replaced. The application says the project only involves design, but it seems like it would also involve construction.	1998	\$30,000
	M	C	55	Sonoma County CSA 41-Freestone	4900549	001	Replace the old 50,000 gal tank with new steel or redwood 50,000 gal tank.	1998	\$80,000
	M	C	53	Venture Estates MWC	3500552	001	Construct a pipeline to connect to Sunnyslope water system.	1998	\$60,000
	M	C	52	CEDAR CREEK MOBILEHOME PARK	4500063	001	Drill two wells and install pressure tanks and distribution lines to provide the reliability required by the Waterworks Standards.	1998	\$15,000
	M	C	50	Speech & Language Develop. Center	3301947	001	Replacement of failing equipment and outfitting of alternate well.	1998	\$10,000
	M	C	50	MANTECA INDUSTRIAL PRK CSA-30	3901322	001	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
	M	C	50	MARINA VIEW HEIGHTS MD #7	2000551	001	INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$100,000
	M	C	50	DEL SOL WATER CO-OP	1502597	001	Replace the old storage tanks w/ new polyvinyl tanks.	1998	\$7,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	50	Desert View Trailer Park	3301209	001	None listed	1998	\$0
	M	C	50	COLORADO MUTUAL	1900801	001	UPDATE PUMP TO A 10 HP PUMP AND INSTALL AN AIR PRESSURE PUMP AND VARIOUS ELECTRICAL TO ACCOMMODATE CHANGE	1998	\$4,000
	M	C	50	SUNSET RIDGE ESTATES DIST #40	2000851	001	INSTALL A NEW WELL, 50,000 GALLON STORAGE TANK, AND DISTRIBUTION SYSTEM.	1998	\$200,000
	M	C	50	CHETMOORE ACRES WA	2700634	001	Install new water mains and two new 20,000 gallon storage tanks	1998	\$50,000
	M	C	50	Aborn Heights Water Mutual Association	4300792	001	Replace existing water tank. Pressurize entire system. Upgrade chlorine injection system.	1998	\$150,000
	M	C	50	Shasta View Heights Owners Association	4700630	001	Determine if well has been damaged by flood. If so, drill new well. If not, install new transmission line connecting well to system.	1998	\$60,000
	M	C	50	MINERAL MOUNTAIN MUTUAL WATER	0500019	002	REPLACE THIN WALL PVC LINES WITH SCHEDULE 40 PVC	1999	\$9,700
	M	C	48	PARADISE RD WS #21	2701633	001	Recoat tank, repair back-up well, and install water treatment system.	1998	\$10,000
	M	C	48	RANCHO CHAPPERAL MWC	2701278	003	Conduct assessment to determine storage requirements, and design/construct tank, pump, fittings, and plumbing	2000	\$50,000
	M	C	45	CORRAL DE TIERRA WC	2700536	002	Repair or replace inoperable valves throughout the system.	1998	\$10,000
	M	C	45	OUTLOOK WATER ASSN	2700622	001	Replace existing tanks with two concrete tanks and replace water mains, misc. plumbing, etc.	1998	\$24,773
	M	C	45	Grizzly Lake RID-Crocker/Welch	3200107	002	Drill new well. Install 200,000 gallon storage tank. Install four new valves.	1998	\$204,000
	M	C	45	CORRAL DE TIERRA WC	2700536	004	Install above.	1998	\$5,000
	M	C	45	NORTH EDEN VALLEY	3100019	001	Construct an additional well to 400 ft. Add additional 20,000 gallons of storage capacity.	1999	\$45,000
	M	C	45	Pine Grove Trailer Park	0800800	001	Hook up to City of Crescent City water system.	2000	\$20,000
	M	C	41	TUCKER OAKS EAST WATER SYSTEM	4500303	001	Add metered chemical to water supply at the well head to raise pH to 8.0 or above and thereby eliminate corrosivity and provide the reliability required by the Waterworks Standards.	1998	\$20,000
	M	C	41	TUCKER OAKS EAST WATER SYSTEM	4500303	003	Install a second pump in the well casing in order to work in tandem with the existing pump and serve as a backup in the event of the failure of one pump to provide the reliability required by the Waterworks Standards.	1998	\$12,000
	M	C	40	Keough Hot Springs	1400034	002	Construct new well and tank	1998	\$41,500
	M	C	40	Keough Hot Springs	1400034	001	Construct new distribution system	1998	\$75,000
	M	C	40	Keough Hot Springs	1400034	003	Construct new well and tank	1998	\$50,000
	M	C	40	MOUNTAIN VILLAGE HOMEOWNER'S	0400090	001	Construction of a new 20,000 gallon water storage system using polyethylene tanks.	1998	\$18,000
	M	C	40	MORAGA HGTS MUTUAL WATER CO	0707585	001	Replace system, expand filtration and develop further resources.	1998	\$75,000
	M	C	40	JAMES WATER SYSTEM	1500462	001	possible water treatment or drill additional wells	1998	\$70,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	40	Massini Mutual Water Company	4900706	001	Install remote telemetry for continuous control and alarm status. Two of the three tanks will be replaced with larger steel tanks. An ozone generator will be installed at the well site to oxidize iron and disinfect the water.	1998	\$250,000
	M	C	40	BAUMANN WS #1	2700842	001	Replace holding tank, construct new line to the pump, and replace pressure tank.	1999	\$4,500
	M	C	39	Bucktail Mutual Water Company	5301001	001	Construct new concrete block cover for in-ground reservoir	1998	\$10,000
	M	C	37	MIAMI CREEK KNOLLS DIST #43	2000557	001	CONSTRUCT A NEW DISTRIBUTION SYSTEM AND A 50,000 GALLON STORAGE TANK.	1998	\$250,000
	M	C	35	LINDA FALLS TERRACE MUTUAL	2800527	001	Replace tank with new tank.	1999	\$10,000
	M	C	35	DAVENPORT MUTUAL WATER SYSTEM	1502650	001	Consolidation with Rosamond CSD. Enclosed is estimated cost of replacement of water system plus cost of financing fees os all sorts	2003	\$68,000
	M	C	32	ORCHARD LN WS #2	2700669	001	Need to drill new well.	1998	\$40,000
	M	C	31	NORTHWOODS MUTUAL WATER SYSTEM	0400003	002	Construct a new roof over 18,000 gallon in ground reservoir.	1998	\$10,000
	M	C	30	Oakhaven	5510032	001	INTERCONNECT VIA THE INSTALLATION OF A PIPELINE TO THE CRYSTAL FALLS SYSTEM.	2000	\$124,000
	M	C	29	HIDDEN VALLEY TRAILER PARK, INC	5500127	001	CONNECT TO PUBLIC WATER SUPPLY. OTHER -DESIGN AND CONSTRUCTION	1998	\$65,000
	M	C	28	RANCHO SECO INC. WATER SYSTEM	1500327	001	CONSTRUCT A NEW SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
	M	C	25	BUZZTAIL MUTUAL WATER COMPANY	0400091	002	Construct a new 63,000 gallon storage tank.	1998	\$35,000
	M	C	25	Russian River Mutual	4900665	001	Replace transmission lines, increase storage, and install treatment.	1999	\$75,000
	M	C	25	CANNON PARK WATER CO.	2800632	002	Repair and and seal storage tank with a synthetic liner.	2002	\$15,000
	M	C	23	Sierra North C.S.D.	1400109	001	Construct new well and tank	1999	\$25,000
	M	C	10	ACWA Buckhorn Plant	0310012	002	CONSTRUCT TREATED WATER STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	2001	\$850,000
	M	C	9	Clearwater Mutual Water Company	1700546	001	Replace storage tanks with larger tanks and make treatment plant improvements or replace treatment plant.	1998	\$100,000
	M	C	0	COVINA IRRIGATION CO.	1910128	004	REROUTE FLOW THROUGH AN ENCLOSED GRAVITY PIPELINE	1998	\$3,000,000
	M	C	0	San Diego County Water Authority	3710042	002	A 3.8 mile pipeline and pump station from the Olivenhain Reservoir to the San Diego County Water Authority's second aqueduct	1998	\$23,300,000
	M	C	0	COVINA IRRIGATION CO.	1910128	003	DETERMINE COURSE OF ACTION (ie. ENCASE OR REROUTE CONDUIT; DESIGN AND CONSTRUCT)	1998	\$5,000,000
	M	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087	003	Design and construct a new outlet tower near the shoreline.	1998	165,000,000
	M	C	0	CASTAIC LAKE WATER AGENCY	1910048	004	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE SOUTHERN PORTION OF OUF SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	\$3,500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	0	CASTAIC LAKE WATER AGENCY	1910048	003	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE EASTERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	\$20,000,000
	M	C	0	San Diego County Water Authority	3710042	003	Design and construction of a pump station and 12 mile pipeline from San Vicente Reservoir to the second aqueduct.	1998	146,600,000
	M	C	0	COVINA IRRIGATION CO.	1910128	005	BUILD A NITRATE TREATMENT AND BRINE DISPOSAL FACILITY TO TREAT MORE THAN ONE WELL AT THE FACILITY	1998	\$4,000,000
	M	C	0	COVINA IRRIGATION CO.	1910128	001	REPLACE ENTIRE SECTION ALONG THE PUBLIC RIGHT OF WAY	1998	\$800,000
	M	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050	004	Install one 60" valve.	1998	\$200,000
	M	C	0	Santa Clara Valley Water District	4310027	001	Replacement of the filter underdrain system with cast-in-place, monolithic, false floor, air/water nozzle system.	1998	\$2,010,000
	M	C	0	West End Consolidated Water Company	3610086	001	Replumb pumping lines from wells to booster station, install new reservoir and control valve at booster station	2000	\$275,000
	M	P	5100	Mather Field Water System	3410706	005	Replace distribution system deficient valves and hydrants.	1998	\$175,000
	M	P	5100	Mather Field Water System	3410706	001	Perform an engineering study to identify replacement sources for wells abandoned because of contamination.	1998	\$50,000
	M	P	5100	Mather Field Water System	3410706	004	Retrofit for adequate backflow protection.	1998	\$230,000
	M	P	5100	Mather Field Water System	3410706	002	Replace undersized and aging distribution main.	1998	\$2,500,000
	M	P	4000	College of the Desert	3301155	001	Install new.	2000	\$900,000
	M	P	2025	Coachella Valley Unified School District	3301149	001	Abandon the wells and connect water lines to City of Coachella water (attached proposal	1998	\$250,000
	M	P	2000	Eisenhower Medical Center	3301238	001	Planning on erecting above ground steel tank - small pumping station.	1998	\$50,000
	M	P	1925	APTOS HIGH SCHOOL	4400750	001	Replace two storage tanks and tank pads. Construct a 450 foot well. Construct an underground "vault" which completely encloses the submersible well-pump apparatus.	1998	\$400,000
	M	P	1500	MENLO SCHOOL	4100517	002	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
	M	P	1500	MENLO SCHOOL	4100517	001	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
	M	P	1000	WASHINGTON UNION HIGH SCHOOL	1000221	001	Upgrade distribution system to eliminate cross-connections, construct new wells & replace distribution lines.	2001	\$255,000
	M	P	900	PIONEER SCHOOL	0900111	001	Create additional source (another well). Install new holding tank and storage system. Involves design and construction;	1998	\$35,000
	M	P	790	SALSIPUEDES ELEMENTARY	4400757	001	Replace storage tank and construct structure to enclose tanks. Construct an enclosure to surround the well-pump. Replace all water lines.	1998	\$60,000
	M	P	625	Gerber Elementary School	5200519	001	Drill new well and delivery system (including electric hookup).	1998	\$0
	M	P	595	CURTIS CREEK ELEMENTARY SCHOOL	5500152	002	INSTALL NEW WATERLINE REPLACEMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$60,000
	M	P	595	CURTIS CREEK ELEMENTARY SCHOOL	5500152	001	HOOK UP SCHOOL TO PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	2000	\$250,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	P	500	Knoll Enterprises Inc	3600504	001	Construct new wells or treatment facility	2002	\$500,000
	M	P	400	PESCADERO HIGH SCHOOL	4100513	001	Feasibility study to consolidate with CSA 311 San Mateo County.	1998	\$15,000
	M	P	400	CLARKSBURG ELEMENTARY SCHOOL	5700509	001	Install 20,000 gallon tank.	1999	\$33,000
	M	P	350	DELTA HIGH SCHOOL	5700510	001	Intstall 20,000 gallon storage tank. Involves design and construction.	1998	\$35,000
	M	P	350	Lassen View School	5200538	001	Obtain new chlorination system.	2001	\$10,000
	M	P	347	TUD-EAST SONORA	5510022	001	INTERCONNECT WITH THE SONORA WATER SYSTEM VIA PIPELINE AND PUMP STATION.	1998	\$297,000
	M	P	250	RENAISSANCE HIGH SCHOOL	4400758	001	Replace two storage tanks and install two submersible well-pump motors. Construct a removable "shell" to surround the submersible well-pump.	1998	\$50,000
	M	P	250	SIERRA VIEW SCHOOL	2000846	001	DEEPEN THE EXISTING WELL TO INCREASE ITS CAPACITY AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
	M	P	200	Calvary Baptist Church	1400017	002	Connect system to city water system	1998	\$25,000
	M	P	200	Calvary Baptist Church	1400017	001	Construct new well and tank	1998	\$40,000
	M	P	200	TECATE VISTA MUTUAL WATER COMPANY	3700953	001	Repair and replace existing deteriorating piping.	1998	\$10,000
	M	P	200	DRY CREEK ELEMENTARY SCHOOL	3100077	001	Scope and analyze recommendations. Recase or redrill a well.	1998	\$25,000
	M	P	200	SF YMCA - CAMP JONES GULCH	4100538	003	Drilling a new well and providing pumping stations and pipeline to move water approximately 1 mile.	2000	\$50,000
	M	P	180	DIAMOND VALLEY SCHOOL	0202501	001	Increase depth and capacity of wells and holding tanks for fire and pressure problem.	1998	\$35,000
	M	P	170	Capay Joint Union Elem. School	1100527	001	Improve waterline and install another 525 gallon tank in-line with the other one.	1998	\$5,200
	M	P	170	CLAY JOINT SCHOOL	1000315	001	DRILL A NEW WELL AND EQUIPT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	M	P	150	CALVARY CHURCH INC WS	2700703	001	Install seven tanks and 3000 feet of pipe.	1998	\$60,000
	M	P	150	PENN VALLEY SHOPPING CENTER	2900532	001	Hook into the NID treated water system. Abandon the present well.	1998	\$140,000
	M	P	150	Tehama Co.-Walnut St. Complex	5200005	001	See attached notes	2001	\$0
	M	P	140	Round Valley Elementary School	1400019	002	Construct new well	1999	\$12,000
	M	P	140	M C H A Atwater	2400110	001	Construct treatment system	2000	\$75,000
	M	P	134	Leggett Valley School	2300785	001	Well relocation, upgrade storage, better purification system.	1998	\$100,000
	M	P	130	IGO ONO SCHOOL	4500188	001	Remove and replace all pipes leading from storage tank into the old school building to provide the reliability required by the Waterworks Standards.	1999	\$50,000
	M	P	125	CEDAR CREEK SCHOOL	4500169	001	Improve spring or drill a new well to provide the reliability required by the Waterworks Standards.	1998	\$60,000
	M	P	120	Devil's Garden Conserv. Camp	2510800	001	Drill a new well, install new tank and install new disinfection system, including building.	2000	\$250,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	P	115	SHAWS FLAT ELEMENTARY SCHOOL	5500107	001	CONSTRUCT A NEW WELL AND INSTALL A 15,000 GALLON STORAGE TANK.	1998	\$45,000
	M	P	110	CDF-Konocti Conservation Camp	1710800	001	Replace distribution system, isolate irrigation system for wastewater and replace hydrants.	1998	\$68,000
	M	P	100	SAN BENANCIO MIDDLE SCHOOL	2701227	001	The system would like to physically consolidate with Ambler Park Water Company.	1998	\$175,000
	M	P	100	MISSION UNION SCHOOL	2702317	001	General system upgrade.	1998	\$15,000
	M	P	100	Plumas County Fairgrounds	3200008	001	Complete hookup to East Quincy CSD.	1998	\$200,000
	M	P	100	LINDEN USD-GLENWOOD SCHOOL	3900756	001	DRILL NEW WELL AND INSTALL PUMP AND TANK	1999	\$45,000
	M	P	75	NEVADA UNION HIGH SCHOOL DISTRICT	2900601	001	New well filtration system and storage tank.	1998	\$19,000
	M	P	75	WHITMORE UNION ELEM SCHOOL	4500181	001	Install 125 gallon bladder tank on a steel frame to provide the pressure required by the Waterworks Standards.	1998	\$980
	M	P	55	PACIFIC VALLEY SCHOOL	2702254	001	Need to install new well, storage tank, and pipes.	1998	\$30,000
	M	P	55	MILTON ROAD WATER COMPANY	2801080	001	Redesign, trench and lay new pipeline, laterals and valves.	1998	\$30,000
	M	P	50	MJUSD-Arlington Elem. School	2500513	001	Drill a new well into a different higher flow strata to provide the reliability required by the Waterworks Standards.	1998	\$17,345
	M	P	50	MJUSD-State Line School	2500515	001	Replace old pressure tank with modern bladder type tanks to provide the reliability required by the Waterworks Standards.	1999	\$9,050
	M	P	50	Manton School	5200532	001	Build a storage tank of about 30,000 gallons, and add new pipe for school.	2000	\$10,000
	M	P	40	Deep Springs College	1400068	002	Replace distribution system piping	1998	\$60,000
	M	P	40	Jack Norton School	1200741	001	Replace entire roof on storage tank and repair infiltration gallery as necessary.	1998	\$3,000
	M	P	40	Lake Perris SRA	3310302	005	Design and Construct 1/2 MG reservoir as addition to existing system, connect to existing distribution system. Tank foundation will have seismic protection.	1998	\$350,000
	M	P	40	Deep Springs College	1400068	001	Construct new tank	1998	\$30,000
	M	P	40	HARRISON RD WS #1	2700592	001	Replace storage tank.	1998	\$5,000
	M	P	40	Lake Perris SRA	3310302	004	Replace 23, 4" - 8" diameter main line valves. Project will include purchasing a powered valve exerciser.	1998	\$11,500
	M	P	32	Olancho Elementary School- Lone Pine Unf	1400042	001	Construct new distribution system and tank	1998	\$18,000
	M	P	30	Laws Town Water System	1400102	001	Construct new well	1999	\$150,000
	M	P	30	Laws Town Water System	1400102	002	Replace mainline	2000	\$30,000
	M	P	25	IMMACULATE HEART HERMITAGE	2702268	001	Construction of 3 new tanks.	1998	\$12,000
	M	P	25	BUTTONWOOD INDUSTRIAL PARK	4000763	001	Drill new well	2002	\$30,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	P	1	Blythe - Airport	3301553	001	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$5,000,000
	M	N	1E+07	GRIFFITH PARK	1907037	002	CONDUCT STUDY, DESIGN AND CONSTRUCTION TO SOLVE PROBLEMS.	1998	\$4,710,000
	M	N	5000	WILLOW SPRINGS RACEWAY	1502223	001	Bring electricity to water systems to replace generators	1998	100,000,000
	M	N	2200	Inland Valley Development Agency- Norton	3610704	006	Replace booster facility	1998	\$150,000
	M	N	1400	RIO COSUMNES CORRECTIONAL CENTER	3400229	001	Construct a new 300 gpm well with a treatment plant for Iron, Arsenic and Manganese. Involves design and construction.	1998	\$250,000
	M	N	1400	RIO COSUMNES CORRECTIONAL CENTER	3400229	002	Construct a new 250,000 gallon water storage tank for fire protection and emergency water supply. Involves design and construction.	1998	\$250,000
	M	N	1000	SACRAMENTO CO BRANCH CENTER	3400180	001	Construct 500,000 g water storage tank with a 1,500 gpm booster station facility. Involves design and construction.	1998	\$500,000
	M	N	600	CSP-Armstrong Redwoods State Reserve	4910306	001	Develop new well at north end of park to serve north day use area.	2000	\$85,000
	M	N	440	CAMP FRESNO WATER SYSTEM	1000170	001	REPLACE THE OLD EXISTING STEEL PIPE AND VALVING.	1998	\$110,000
	M	N	400	BSA/CAMP CHAWANAKEE	1000165	001	INSTALL A 60,000 GALLON STORAGE TANK AND PIPELINES.	1998	\$250,000
	M	N	400	CAMP TAWONGA	5500141	001	DRILL A SECOND WELL, ADD A 44,000 GALLON TANK, INSTALL CHLORINATION, LOOP THE SERVICE AREA.	1998	\$213,000
	M	N	400	Sonoma County Parks-Stillwater Cove	4901207	001	Replace well, distribution lines, water pumps, chlorinator and tanks.	1999	\$125,000
	M	N	312	LOWER LINE CREEK IMPRVMNT ASSN	1000080	001	CONSTRUCT NEW WELL(S).	1998	\$10,000
	M	N	300	JH Ranch	4700807	001	Have already installed storage tanks with own funds. Need to install piping and controls to connect tanks with existing water system.	1998	\$75,000
	M	N	250	CHURCH OF GOD ASSN. OF NORTHERN CALIF.	2900567	001	Construction of an above ground metal tank.	1998	\$95,000
	M	N	250	REGIONAL LEARNING CENTER	5500171	001	INSTALL NEW TANKS AND HOOK-UP	1998	\$45,000
	M	N	250	De Benneville Pines Inc	3600534	001	Replace mainline	1999	\$245,000
	M	N	201	LEAPING LIZZARD RV RANCH	3700001	001	Rehabilitate well #2, add new pump, storage tank, transmission line to connect systems	1998	\$7,200
	M	N	200	CYPRESS COMMUNITY CHURCH	2702030	001	Remove old tank, replace with a new one, and add an additional tank along with necessary water lines.	1998	\$15,000
	M	N	200	SAN JOSE FAMILY CAMP	5500145	001	DEEPEN THE EXISTING WELL BY 200 FEET, REPLACE AGING GALVANIZED LINES TO TANKS, AND ADD A NEW 10,000 GALLON TANK.	1998	\$40,000
	M	N	200	NEVADA IRRIGATION DISTRICT/GREENHORN	2900577	001	Connect campground to potable system from Loma Rica.	2003	\$500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	N	178	SWEETBRIAR CAMP	4500237	001	Relocate dam. Install a liner inside the pre-filter box. Install 2 to 4 additional 5,400 gallon water storage tanks and a shed over the tanks. Remove and replace approximately 3 miles of pipe to provide the reliability required by the WW Standards	1998	\$150,000
	M	N	170	Camp Ta Ta Pochon	3600537	001	Construct new storage facility	1998	\$50,000
	M	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058	001	CONSTRUCT A NEW WELL.	1999	\$15,000
	M	N	160	CSP - Andrew Molera State Reserve	2710301	001	Dig up and relocate existing line away from river bank. Install monitoring equipment to improve inspection of the system.	1998	\$12,000
	M	N	155	CSP - J.P. Burns Park	2710302	001	Replace and relocate tanks. Install security fence and monitoring equipment.	1998	\$24,000
	M	N	150	Walden West	4300764	001	Have cross-connection test performed. Install meters. Repair steel tank - some structural modifications, new access hatch, enhance roof vent/ladder, etc.	1998	\$6,000
	M	N	150	UNITED CAMPS CONFERENCE & RETREATS	2900520	001	Build 50,000 gallons of water storage on camp property 200 feet above the living area; plumbing from the well to the tanks and back. Possible new well or well upgrade.	1998	\$125,000
	M	N	150	VIRGINIA LKS. MUT. WATER CO.	2600510	001	Replace 800 feet of old steel line with PVC burried at appropriate depth.	2000	\$0
	M	N	150	CAMP ST NICHOLAS WATER SYSTEM	1502249	001	MORE CAPACITY & FIRE PREVENTION FOR CAMP	2001	\$35,000
	M	N	145	CO OF SD CAMP WEST FORK	3700236	001	Present water system is aging and a continued supply of drinking water is essential to serve this inmate population.	1998	\$250,000
	M	N	110	CAMP KEEP SIERRA	5402055	001	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	2000	\$10,200
	M	N	100	CHILI BAR PUT-IN	0900202	001	Find additional backup source and improve quality of present system. Involves study, design and construction.	1998	\$160,000
	M	N	100	AETNA SPRINGS RESORT	2800569	001	Purchase five 5,000 gal tanks. Move chlorination system to location of new tanks to provide more contact time.	1998	\$25,000
	M	N	100	CHRISTMAS COVE COMPANY	4000642	001	Drilling a new well and providing a new storage tank with automatic chlorination, filtration and water softener.	1999	\$25,000
	M	N	100	CAMP EL-O-WIN	1000166	001	BURY ALL WATER LINES BELOW THE FREEZE LINE.	2000	\$20,000
	M	N	100	MARTINS BEACH WATER SYSTEM	4100515	001	Modernize the existing purification system.	2001	\$50,000
	M	N	90	ALPINE VILLAGE WATER CO.	5400708	001	INSTALL NEW STORAGE TANKS, LOOP THE WATER SYSTEM, ADD VALVE TO ISOLATE THE SYSTEM, INSTALL A CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$68,300
	M	N	60	FAR HORIZON CAMP	5400896	001	Install a new 3" diameter water main	2000	\$20,000
	M	N	50	SPCA	2702370	002	Install disinfection system.	1998	\$5,000
	M	N	50	CHURCH OF THE GOOD SHEPARD	2702050	001	Replace tanks and pads.	1998	\$50,000
	M	N	50	MISSION BETHEL CHURCH	2902364	001	Construct additional well at 30 ft and install a storage tank.	1998	\$10,000
	M	N	50	SACRAMENTO CO BOY'S RANCH	3400182	002	Construct a new 150 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	N	50	SACRAMENTO CO BOY'S RANCH	3400182	001	Construct a new 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	M	N	50	San Gorgonio Girl Scout Council	3301025	001	Would like to construct a 20,000 to 40,000 gallon storage tank and replace approximately 2000' of 4-inch line and approximately 3000 of 2-inch line.	1999	\$100,000
	M	N	50	NORTHSHORE S & B, INC	4000652	001	Install new large tank (replace 3 each 7,500 gallon tanks with one 100,000 gallon tank)	1999	\$35,000
	M	N	46	Redding Odd Fellows Camp	5301004	001	Repair or replace storage tank roof. Repair leaks in filter system.	1999	\$12,000
	M	N	45	Meadow Lake Apartments	1400511	001	Drill additional well	1998	\$14,500
	M	N	38	Layman Association	3200151	001	A three to five year program to replace piping and valves, as money is available.	1998	\$30,000
	M	N	30	Assoc. of Well Owners (Melody Knolls)	3600541	001	Replace mainline and meters	1998	\$15,000
	M	N	29	OAK PARK WS	2700999	001	Install pressure system and replace aging water mains.	1998	\$50,000
	M	N	29	OAK PARK WS	2700999	004	Replace existing potable distribution system with adequate separation.	2000	\$40,000
	M	N	28	BEAR STATE W.W. (DUPLICATE SYSTEM)	0901217	001	Add new well, storage, and treatment facilities. Involves study, design and construction.	1998	\$200,000
	M	N	25	SCC Animal Shelter/Airport	4300814	001	Implement all recommendations of certified cross-connection control specialist's survey (included with pre-application).	1998	\$20,000
	M	N	25	Barstow Dagget Airport	3600175	001	Install disinfection equipment, refurbish wellheads and tank, drill new wells	1998	\$90,000
	M	N	25	Camp Radford/LA City R&P	3600531	001	Make wellhead repairs, construct new tank	1998	\$85,000
	M	N	25	CAMP VALCREST	1900620	001	REPLACE EXISTING 2" WATER INTAKE PIPES (140") WITH NEW 4" LINES TO MAIN WATER TANK.	1998	\$21,000
	M	N	25	Uvas Canyon County Park	4300616	001	Replace 22,000 gallon redwood tank and well pump to provide additional water quality protection.	1998	\$75,000
	M	N	25	Farmers Fertilizer	3601054	001	Construct treatment facility, repair/replace motor	1998	\$30,000
	M	N	25	Ponderosa Guest Ranch	3601016	001	Construct new storage tank, rehab well, replace mainline	1998	\$2,500,000
	M	N	25	Covington Mill - A	5301103	002	Develop a second deep well site to augment the existing well, and provide additional source reliability.	1999	\$30,000
	M	N	25	Sonoma County Parks-Memorial Beach	4901222	001	Replace well, distribution lines, water pumps, chlorinator renovation.	1999	\$110,000
	M	N	25	Sonoma County Parks-Putnam Park	4901223	001	Replace well, distribution lines, water pumps, chlorinator and tank.	1999	\$125,000
	M	N	25	SOLEDAD MISSION	2701176	001	New well and pipes.	2000	\$10,000
	M	N	25	VENTUCOPA WATER SUPPLY	4200872	001	Purchase and install storage tank. Also purchase and install meters.	2002	\$19,660
	M	N	0	SPRING CREEK TRACT ASSOCIATION	0900506	001	To replace the aging distribution system using larger pipe to increase flows for fire protection.	1998	\$685,000
	M	X	30	MULLER MUTUAL WATER	0012162	001	CONSOLIDATE WITH AREA WATER SYSTEM & TIE IN WITH EAST NILES C.S.D. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	M	X	16	MULLER AVE AREA WATER SYSTEM	0012160	001	CONSOLIDATE WITH EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	X	10	HINSLEY STREET WELL	0012161	001	CONSOLIDATE WITH OTHER NEARBY WATER SYSTEMS AND EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	M	S	60	Crawford Canyon MWC	3600079	001	Construct new wells, repair reservoir, replace mainline	1998	\$3,000,000
	M	S	45	Alpine Mutual Water Co.	1400501	001	Construct new well	1998	\$50,000
	M	S	17	COSUMNES RIVER INDIAN ASSOC	3400168	001	New pump and piping, larger storage tank and valves.	1999	\$83,000
	O	C	1300000	East Bay MUD	0110005	014	Add the following; 1, Chlorine residual, 2. Particle counting, 3. Water temperature, 4. Connectivity.	1998	\$1,000,000
	O	C	1300000	East Bay MUD	0110005	002	Purchase and install combination meter/backflow devices for residential customers that have wells and also purchase backflow prevention devices for hydrant meters used by contractors obtaining water during construction.	1998	\$1,338,000
	O	C	1300000	East Bay MUD	0110005	003	Replace deteriorating distribution pipelines.	1998	\$31,600,000
	O	C	1300000	East Bay MUD	0110005	012	Replacement of approximately 10,000 feet 60-inchs in diameter, from San Pablo reservoir to Sobrante reservoir,.	1998	\$7,470,000
	O	C	1300000	East Bay MUD	0110005	015	Rebuild filters and underdrain systems to correct problems associated with poor surface water filtration at Orinda WTP.	1998	\$1,700,000
	O	C	1300000	East Bay MUD	0110005	004	Modifications of standard regulators to improve the reliability of the distribution system.	1998	\$3,288,000
	O	C	1300000	East Bay MUD	0110005	005	CLAREMONT CENTER IMPROVEMENTS UPGRADE PUMPING FACILITIES, REPLACE OLD ELECTRICAL EQUIPMENT AND PUMPS.	1998	\$11,500,000
	O	C	1300000	East Bay MUD	0110005	016	Replace Redwood tanks which have historically been sources of high bacterial concentrations with steel tanks. Install reservoir sampling and on-site treatment/disinfection facilities. Install chlorine residual and conductivity monitoring system.	1998	\$8,800,000
	O	C	1300000	East Bay MUD	0110005	006	Modification of substandard pumping plants to improve the reliability of the distribution system.	1998	\$2,179,000
	O	C	1300000	East Bay MUD	0110005	009	Ongoing project to inspect, recoat, and rehabilitate two to three distribution system steel reservoirs per year.	1998	\$12,900,000
	O	C	1300000	East Bay MUD	0110005	030		2004	
	O	C	1223400	San Diego - City of	3710020	054	Design and construct a new flow control facility to continue to meet the needs of the raw water supply to the Miramar WTP.	2005	\$8,000,000
	O	C	1223400	San Diego - City of	3710020	041	Demolish existing facilities and construct a new 5.65 MG underground concrete reservoir with overflow elevation at 570'.	2005	\$4,964,000
	O	C	979000	San Jose Water Company	4310011	001	Install hypochlorinators at 12 additional wellfields.	1998	\$1,500,000
	O	C	979000	San Jose Water Company	4310011	005	Install 125 dedicated, lockable sampling stations.	1998	\$375,000
	O	C	458000	Eastern Municipal WD	3310009	013	Combine both pressure zones and construct a 4.6 MG finished water storage tank and transmission pipeline.	1998	\$4,118,000
	O	C	458000	Eastern Municipal WD	3310009	041	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	1998	\$500,000
	O	C	458000	Eastern Municipal WD	3310009	002	Construct four additional groundwater production wells. (2 per yr)	1998	\$1,300,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	458000	Eastern Municipal WD	3310009 005	Purchase capacity in the Temescal Valley Regional Interceptor to convey the brine viw the Santa Ana Interceptor to convey the brine via the Santa Ana Interceptor to the County Sanitation District of Orange County treatment plant and purchase capacity	1998	\$10,780,000
	O	C	458000	Eastern Municipal WD	3310009 021	Install 3,500' of 30" pipeline to connect the Citrus tanks to the distribution system	1998	\$1,033,000
	O	C	458000	Eastern Municipal WD	3310009 014	Consuct a feasibility study complete with fieldwork to determine what will be needed in terms of a new finished water storage tank and/or additional transmission pipelines.	1998	\$100,000
	O	C	458000	Eastern Municipal WD	3310009 004	Construct a water harvesting facility at the San Jacinto Reservoir and equipment same with a pumping plant and piepline to recover the rain run-off so captured for groundwater recharge.	1998	\$770,000
	O	C	458000	Eastern Municipal WD	3310009 020	Install 2,675 feet of 30" diameter pipeline to connect the tanks to the distribution system. This also requires the installation of 6,400' of 18" diameter raw water pipeline.	1998	\$1,069,500
	O	C	458000	Eastern Municipal WD	3310009 019	Replace existing 0.21 MG tank with a new 0.315 MG finished water tank in a new location. Replace the leaky distribution pipeline and build a new pump station.	1998	\$1,155,000
	O	C	458000	Eastern Municipal WD	3310009 018	Replace this 0.23 MG tank with a new 0.5 MG finished water tank.	1998	\$250,000
	O	C	458000	Eastern Municipal WD	3310009 017	Construct the transmission pipeline needed to activate the Winchester Ranch tank.	1998	\$477,360
	O	C	458000	Eastern Municipal WD	3310009 016	Consolidate the three systems, costruct a 3.4 MG finished water tank and transmission pipelines.	1998	\$4,130,000
	O	C	458000	Eastern Municipal WD	3310009 036	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1998	\$250,000
	O	C	458000	Eastern Municipal WD	3310009 037	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1999	\$250,000
	O	C	458000	Eastern Municipal WD	3310009 042	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	1999	\$500,000
	O	C	458000	Eastern Municipal WD	3310009 003	Construct four additional groundwater production wells. (2 per yr)	1999	\$1,300,000
	O	C	458000	Eastern Municipal WD	3310009 047	Construct approx. four miles of collection pipeline (exact size to be determined) from proposed extraction wells to the proposed Sun City desalination plant.	1999	\$2,025,000
	O	C	458000	Eastern Municipal WD	3310009 046	Drill and develop three extraction wells along McLaughlin St. in south Perris to extract the contaminated groundwater for susequent treament at the proposed Sun City desalination plant.	1999	\$2,501,000
	O	C	458000	Eastern Municipal WD	3310009 043	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	2000	\$500,000
	O	C	458000	Eastern Municipal WD	3310009 038	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2000	\$250,000

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E	O	C	458000	Eastern Municipal WD	3310009	044	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2001	\$500,000
	O	C	458000	Eastern Municipal WD	3310009	039	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2001	\$250,000
	O	C	458000	Eastern Municipal WD	3310009	045	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2002	\$500,000
	O	C	458000	Eastern Municipal WD	3310009	040	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2002	\$250,000
	O	C	458000	Eastern Municipal WD	3310009	051	Construct extraction wells, pipelines and reverse osmosis desalination facility to control hydraulic gradients and remove salt from subbasin.	2002	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007	001	INSTALL DIESEL-POWERED ELECTRICAL GENERATORS AT 28 PUMP STATIONS.	1998	\$1,500,000
	O	C	438000	FRESNO, CITY OF	1010007	006	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1998	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007	002	REPLACE 30 OIL LUBED PUMPS WITH WATER LUBED PUMPS.	1998	\$585,000
	O	C	438000	FRESNO, CITY OF	1010007	005	CONSTRUCT IMPROVEMENTS TO THE RAW WATER CONVEYANCE TO PROVIDE SOURCE WATER PROTECTION.	1998	\$4,000,000
	O	C	438000	FRESNO, CITY OF	1010007	007	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1999	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007	008	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	2000	\$10,000,000
	O	C	400600	Sacramento, City of	3410020	006	Update survey during 1998.	1998	\$200,000
	O	C	400600	Sacramento, City of	3410020	005	Implement a wellhead protection program in accordance with DHS requirements.	1998	\$330,000
	O	C	400600	Sacramento, City of	3410020	001	Replace existing pipes with adequate pipe sizes. Involves refinancing and construction.	1998	\$2,900,000
	O	C	400600	Sacramento, City of	3410020	002	Abandon existing mains and construct new mains in street. Involves refinancing, design and construction.	1998	\$2,500,000
	O	C	400600	Sacramento, City of	3410020	004	Place new coating and install impressed current cathodic protection systems. Involves design and construction.	1998	\$2,400,000
	O	C	200000	Contra Costa Water District	0710003	009	Relocate the drainage discharge	1998	\$3,500,000
	O	C	200000	Contra Costa Water District	0710003	011	Construction of a parallel seismically sound pipeline and pump station/	1998	\$12,100,000
	O	C	200000	Contra Costa Water District	0710003	012	Install culverts at two high potential slide locations and perform earthwork at one.	1998	\$1,800,000
	O	C	200000	Contra Costa Water District	0710003	010	Construct an in-line sedimentation basin near intake.	1998	\$1,000,000
	O	C	200000	Contra Costa Water District	0710003	014	Construct a new intake 7 miles south of the existing intake.	1998	121,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	200000	Contra Costa Water District	0710003	013	two pipelines will be retrofitted with new encased at the crossing locations.	1998	\$3,200,000
	O	C	200000	Contra Costa Water District	0710003	005	Remove and dispose of existing caulking from 10 treated water reservoirs and replace with new caulking.	1998	\$2,050,000
	O	C	200000	Contra Costa Water District	0710003	019	Construct a 7300 foot of 24-inch diameter pipeline extending from the 24 inch main.	2002	\$2,752,000
	O	C	199300	City of Huntington Beach	3010053	002	To provide cathodic protection of all applicable metallic pipelines in the City.	1998	\$5,000,000
	O	C	193060	CWS - Bakersfield	1510003	001	Design and construct a Hydrogen Sulfide treatment facility on the new well scheduled to be constructed in this area. Other - Design/Construction	1998	\$260,000
	O	C	193060	CWS - Bakersfield	1510003	002	INSTALL GAC ADSORPTION VESSEL ON THIS WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$400,000
	O	C	180000	Marin Municipal Water District	2110002	003	Install an air compressor at Alpine Lake to eliminate or control the problems.	1999	\$250,000
	O	C	180000	Marin Municipal Water District	2110002	006	Build desalination plant to treat water from San Francisco Bay	2004	\$20,000,000
	O	C	160753	Oceanside, City of	3710014	003	Design and construction of a new pressure regulator station serving the peacock Hills area.	1998	\$495,000
	O	C	160753	Oceanside, City of	3710014	006	Mission/Foussat to El Camino Real water line design and construction to provide transport of groundwater to various distribution points.	1998	\$1,000,000
	O	C	153200	Moulton Niguel Water District	3010073	009	Installing chlorination facilities at operational reservoirs which will increase or at least maintain the chlorine residual in the distribution system to improve the water quality.	2002	\$1,200,000
	O	C	150000	POMONA- CITY, WATER DEPT.	1910126	004	CONSTRUCT A 3.5 MG CIRCULAR CONCRETE RESERVOIR (RESERVOIR 9C)	1998	\$1,980,000
	O	C	150000	POMONA- CITY, WATER DEPT.	1910126	001	REPLACE PRIORITY "1" AND "2" LINES AS IDENTIFIED FROM THE 1992 WATER MASTERPLAN	1998	\$21,750,000
	O	C	136000	Padre Dam MWD	3710037	001	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	\$7,896,800
	O	C	136000	Padre Dam MWD	3710037	006	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	\$14,337,940
	O	C	136000	Padre Dam MWD	3710037	002	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1999	\$12,241,500
	O	C	136000	Padre Dam MWD	3710037	003	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2000	\$21,777,700
	O	C	136000	Padre Dam MWD	3710037	004	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2001	\$14,932,700
	O	C	136000	Padre Dam MWD	3710037	005	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2002	\$15,971,700
	O	C	135000	SAN BERNARDINO CITY	3610039	001	Construct new well Cajon Canyon	1998	\$400,000
	O	C	135000	SAN BERNARDINO CITY	3610039	003	Construct new Dally Sin Booster	1998	\$85,000
	O	C	135000	SAN BERNARDINO CITY	3610039	009	Extend Lower Pressure zone transmission main in Medical Center Drive	2000	\$1,000,000
	O	C	135000	SAN BERNARDINO CITY	3610039	011	Construct Cajon Blvd transmission line from Scott Labs reservoir to Ogden reservoir site	2001	\$1,900,000
	O	C	135000	SAN BERNARDINO CITY	3610039	013	Construct new 7500 GPM Sycamore zone booster	2001	\$150,000
	O	C	135000	SAN BERNARDINO CITY	3610039	015	Construct 7500 gpm Ogden Labs booster	2002	\$150,000
	O	C	135000	SAN BERNARDINO CITY	3610039	016	Construct 36 inch 4133 ft Crosstown transmission line	2002	\$867,000
	O	C	135000	SAN BERNARDINO CITY	3610039	014	Construct 36 inch 8500 ft Sycamore transmission main	2002	\$1,750,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	125000	CITY OF HAYWARD	0110006	012	Install well, rehab well and construction of pump stations for both.	1998	\$1,263,000
	O	C	125000	CITY OF HAYWARD	0110006	033	Replace with larger mains.	2002	\$795,000
	O	C	125000	CITY OF HAYWARD	0110006	023	Install actuators, valve fittings and sentry units at reservoirs.	2002	\$320,000
	O	C	125000	CITY OF HAYWARD	0110006	031	Project to recoat the interior and exterior of the south Walpert tank	2002	\$500,000
	O	C	125000	CITY OF HAYWARD	0110006	029	Study and construct needed enhancements.	2002	\$390,000
	O	C	125000	CITY OF HAYWARD	0110006	028	Study and construct needed Enhance Cements	2002	\$255,000
	O	C	125000	CITY OF HAYWARD	0110006	026	Make various structural and piping modifications to Harden Reservoir.	2002	\$1,000,000
	O	C	125000	CITY OF HAYWARD	0110006	032	Modify piping at four reservoirs, eliminating the single inlet and sewer line arrangement.	2002	\$1,300,000
	O	C	125000	CITY OF HAYWARD	0110006	024	Construct emergency water supply groundwater well.	2002	\$1,450,000
	O	C	125000	CITY OF HAYWARD	0110006	030	Study and construct needed enhancements.	2002	\$300,000
	O	C	125000	CITY OF HAYWARD	0110006	025	Construct Booster Station off the 42 inch aqueduct.	2002	\$7,550,000
	O	C	125000	CITY OF HAYWARD	0110006	035	Replace mains.	2003	\$3,000,000
	O	C	125000	CITY OF HAYWARD	0110006	038	Replace water mains and install special fittings.	2003	\$1,137,000
	O	C	125000	CITY OF HAYWARD	0110006	039	Design and construct a new booster pump station off the 42" aqueduct.	2003	\$7,550,000
	O	C	125000	CITY OF HAYWARD	0110006	037	Replace 16 inch pipeline with 30 inch pipeline.	2004	\$1,181,000
	O	C	125000	CITY OF HAYWARD	0110006	034	Replace with larger main.	2004	\$1,600,000
	O	C	125000	CITY OF HAYWARD	0110006	040	Design and construct a 4.9 million gallon reservoir in the 250 elevation zone.	2005	\$7,165,000
	O	C	124966	Corona, City of	3310037	001	Desalination	1998	\$30,000,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	003	Construct 10 MGD SWTP to increase reliability (Phase I)	1999	\$10,000,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	004	Construct 10 MGD SWTP to increase reliability (Phase II)	2002	\$10,000,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	012	Install treatment using ion exchange technology to remove nitrate and perchlorate	2002	\$1,750,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	016	Install treatment using ion exchange technology to remove nitrate and perchlorate	2003	\$1,750,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041	011	Install treatment using ion exchange technology to remove nitrate and perchlorate	2003	\$1,750,000
	O	C	111000	Stockton, City of	3910012	002	Pipe surface water into south area.	1999	\$5,360,000
	O	C	110000	CALIFORNIA WATER SERVICE CO. - DOMINGUEZ	1910033	002	Additional chlorine generating facilities installed to prechlorinate for bleaching and post chloraminated for disinfection. Project involves: Refinance, Design, and Construction.	1998	\$250,000
	O	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	001	CONSTRUCT 11,100 LINEAR FEET OF 24" WATER MAIN	1998	\$1,660,000
	O	C	107854	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070	002	CONSTRUCT 10,600 LINEAR FEET OF 24" WATER MAIN	1999	\$1,586,000
	O	C	105600	Mesa Consolidated WD	3010004	025	Replacement of existing polybutelene pipes with copper service lines.	1998	\$8,400,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	105600	Mesa Consolidated WD	3010004	003	Installation of a permanent pipeline.	1998	\$1,000,000
	O	C	105600	Mesa Consolidated WD	3010004	032	Switch to sodium hypochlorite	2000	\$86,000
	O	C	105600	Mesa Consolidated WD	3010004	031	Replace 190 fire hydrants	2000	\$206,000
	O	C	105600	Mesa Consolidated WD	3010004	035	The District is proposing to conduct a study in order to determine the best solution for maintaining water quality and maximizing the use of their storage facility; subsequent to a solution being identified, the District would like to implement the solution	2003	\$825,000
	O	C	105600	Mesa Consolidated WD	3010004	037	The District is proposing to install wellhead treatment to reduce the level of color in the wells.	2005	\$3,200,000
	O	C	105000	City of Daly City	4110013	001	Install new main, pump station and reservoir.	2003	\$7,000,000
	O	C	103616	AZUSA LIGHT AND WATER	1910007	005	Recondition motor and pump brush casing perforations and new column pipe. Well #10 rotate discharge head and install new pump control valve, new meter, check valve and new pump house.	1998	\$175,000
	O	C	103616	AZUSA LIGHT AND WATER	1910007	006	Evaluate integrity of walls of both reservoirs and make necessary repairs and improvements. Project involves: Study to determine cause of problem and Design to solve problem.	1998	\$250,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	005	Construct two 2 MG reservoirs and new pipeline.	1998	\$6,500,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	003	Drill new well in Mound Basin and treat at Bailey Plant.	1998	\$1,400,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	004	Build new 2.1 MG reservoir in 260 Zone	1998	\$4,800,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	002	Expand existing plant from 4 MGD to 8 MGD and drill/install new well.	1998	\$4,000,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	006	Design and build 1.0 MG reservoir	1998	\$2,000,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	008	Construct transmission main from 210 zone to 430 zone.	1999	\$3,200,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017	007	Build 1600 LF of 14 inch pipeline and a 0.90 MG reservoir.	1999	\$1,600,000
	O	C	92809	ALHAMBRA-CITY, WATER DEPT.	1910001	001	Design and construct a VOC treatment plant. Conduct study to determine the cause of the water quality problems.	1998	\$400,000
	O	C	92809	ALHAMBRA-CITY, WATER DEPT.	1910001	002	Complete a study to determine the best suited location, in the well field, where a nitrate (ion-exchange) treatment plant could be constructed. Project involves: Study, Design, and Construction.	1998	\$900,000
	O	C	92809	ALHAMBRA-CITY, WATER DEPT.	1910001	003	Engineering study to determine which of the existing wells could be rehabilitated.	1999	\$300,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	003	Install baffling system, recirculation pump, new valves and upgrade reservoir facility.	2000	\$671,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	004	Conduct detailed inspection, design rehabilitation project and construction of reservoir improvements.	2000	\$6,600,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	002	Design/construct new pumping facility.	2001	\$627,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	005	Upgrade pumping facilities	2001	\$220,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146	006	Aquire land and design/construct new 5 MG reservoir.	2002	\$4,300,000
	O	C	91040	CWS - Visalia	5410016	002	DESIGN AND CONSTRUCT GAC TREATMENT VESSEL AND UPGRADE PUMP AND MOTOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$225,000
	O	C	91040	CWS - Visalia	5410016	001	INSTALL GAC TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	O	C	89212	PALMDALE WATER DIST.	1910102	008	Construct new 6.0 MG clearwell. Project involves: Design to solve problem, and Construction	1998	\$1,800,000
	O	C	89212	PALMDALE WATER DIST.	1910102	009	Construct booster station at clearwell site to move water into 2800' and 2950' water systems. Project involves: Design to solve problem, and Construction	1998	\$1,500,000
	O	C	89212	PALMDALE WATER DIST.	1910102	010	Construct piping and valving necessary to tie area into 3000' water system. Project involves: Design to solve problem and Construction	1998	\$100,000
	O	C	89212	PALMDALE WATER DIST.	1910102	005	Construct carbon hopper and loading facility. Project involves: Design to solve problem, and Construction	1998	\$350,000
	O	C	89212	PALMDALE WATER DIST.	1910102	002	Line 400,000 sq. ft. of unlined portions of Palmdale Ditch. Project involves: Design to solve problem, and Construction	1999	\$2,800,000
	O	C	86260	GOLETA WATER DISRICT	4210004	006	Construct a new reservoir in 230 Zone	1998	\$5,000,000
	O	C	86260	GOLETA WATER DISRICT	4210004	008	Design and construct an alternative treatment method.	1998	\$150,000
	O	C	86260	GOLETA WATER DISRICT	4210004	009	Repair damaged line and construct rip rap protection near creeks.	1998	\$150,000
	O	C	86260	GOLETA WATER DISRICT	4210004	010	Recoat steel reservoir and reseal joints of concrete reservoirs.	1998	\$200,000
	O	C	86200	City of Westminster	3010064	008	Replace aging water meters with "Touch Read" technology meters to improve accuracy and efficiency.	1998	\$2,368,814
	O	C	86200	City of Westminster	3010064	005	Replace old electrical panels.	1998	\$88,000
	O	C	86200	City of Westminster	3010064	012	Purchase 730 fire hydrants over a five year period to replace inoperable fire hydrants in the water system.	1998	\$511,000
	O	C	85000	El Dorado ID - Main	0910001	019	Remove and replace old media with new mixed media filter material.	1998	\$300,000
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	002	Construct a 5mg storage tank with a large pumping station.	1998	\$5,000,000
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	003	Obtain lower financing.	1998	\$36,380,000
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	005	Obtain funding.	1998	\$1,000,000
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	001	Construct large diameter transmission pipeline from Folsom Lake.	1998	\$22,333,064
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	007	Provide new water source into McCAFB from NWD's existing system through the extension of the District's proposed transmission pipeline, including base system improvements to both the distribution and storage facilities.	1998	\$8,200,000
	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	004	Construct a main extension from the north boundary of system to the south boundary.	1998	\$1,164,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	83300	Sacramento Suburban Water District - Northridge	3410024	006	Funding to replace services.	1998	\$700,000
	O	C	76538	City of Antioch	0710001	001	Replace deteriorated mains with new and larger mains.	2000	\$250,000
	O	C	76000	City of Mountain View	4310007	009	Design and construct a replacement telemetry system.	1998	\$1,200,000
	O	C	76000	City of Mountain View	4310007	016	Design and construct upgraded system controls at three turnouts.	1998	\$130,000
	O	C	76000	City of Mountain View	4310007	004	Demolition and removal of pump station and reservoir.	1998	\$60,000
	O	C	76000	City of Mountain View	4310007	012	Update urban water plan.	1998	\$45,070
	O	C	76000	City of Mountain View	4310007	010	Replace these smaller water system components and make minor unscheduled improvements.	1998	\$458,000
	O	C	76000	City of Mountain View	4310007	005	Removal of Bryant tank with system modifications.	1999	\$150,000
	O	C	74842	CLOVIS, CITY OF	1010003	002	CONSTRUCTION OF A SURFACE WATER TREATMENT PLAN TO REDUCE RELIANCE OF GROUNDWATER PUMPING.	1998	\$9,400,000
	O	C	74842	CLOVIS, CITY OF	1010003	003	CONSTRUCT A 2 MG RESERVOIR WITH BOOSTER PUMPS.	1998	\$2,405,000
	O	C	74842	CLOVIS, CITY OF	1010003	001	EXPANSION OF THE CITY'S GROUNDWATER RECHARGE FACILITY.	1999	\$2,400,000
	O	C	70600	Napa, City of	2810003	001	Rehabilitate or replace intake tower.	1998	\$700,000
	O	C	66000	LAKEWOOD - CITY, WATER DEPT.	1910239	005	Drill and equip two new drinking water production wells.	2003	\$900,000
	O	C	65960	California Water Service - Bear Gulch	4110006	001	treatment plant upgrades-Particle Counter SCADA system connection, and Precursor removal for Total Trihalomethane (THM) control.	1998	\$120,000
	O	C	63934	SCWMD Laguna/Vineyard	3410029	002	Design and construct 72-inch, 140 million gallon pipeline and 100 mgd surface water treatment plant expansion.	1998	\$1,800,000
	O	C	63934	SCWMD Laguna/Vineyard	3410029	001	Construct 72-inch, 140 million gallon pipeline and surface water treatment plant expansion.	1999	\$46,000,000
	O	C	59000	City of Pleasanton	0110008	006	Construct various system interties and install valves to improve distribution.	1998	\$2,100,000
	O	C	59000	City of Pleasanton	0110008	005	Replace polybutylene water services with polybutylene service pipe.	1998	\$24,000,000
	O	C	59000	City of Pleasanton	0110008	004	Drill new well and construct all ancillary facilities to replace lost production.	1998	\$1,200,000
	O	C	59000	City of Pleasanton	0110008	003	Evaluate design and construct well head water softening facilities.	1998	\$15,000,000
	O	C	59000	City of Pleasanton	0110008	002	Creat a looped water main system between turnout 5 and the City's existing 16" water main .	1998	\$700,000
	O	C	57641	Placer CWA - Foothill	3110025	005	Design and construct pipeline from Auburn Tunnel pump station to Foothill Water Treatment Plant.	1998	\$11,000,000
	O	C	57641	Placer CWA - Foothill	3110025	006	Construct 20 million gallons of storage. Involves design and construction.	1999	\$22,000,000
	O	C	55000	ROWLAND WATER DISTRICT	1910194	001	Install Chloramine injection facilities and revamp common inlet-outlet reservoir piping. Project involves: Design to solve problem, and Construction	1998	\$3,250,000
	O	C	55000	City of Chino Hills	3610036	007	Construct reclaimed water reservoir R24	1998	\$1,125,000
	O	C	55000	City of Chino Hills	3610036	002	Extend reclaimed line to mitigate demand for potable water	1998	\$500,000
	O	C	55000	City of Chino Hills	3610036	004	Extend reclaimed line to mitigate demand for potable water	1998	\$850,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	53000	North Marin Water District	2110003 005	Recoating of storage tanks.	1998	\$1,065,000
	O	C	53000	North Marin Water District	2110003 017	Modify pump stations per OSHA requirements.	1998	\$30,000
	O	C	53000	North Marin Water District	2110003 003	Design and construction of two (2) tanks for Zone 1.	1998	\$1,590,000
	O	C	53000	North Marin Water District	2110003 016	CALLE DE LA MESA PRESSURE RELIEF AND SUNSET REGULATOR UPGRADES.	1998	\$22,000
	O	C	53000	North Marin Water District	2110003 010	Anodes, insulators, system modifications. Aqueduct, Atherton to Bahia, Bel Marin Keys.	1998	\$70,000
	O	C	53000	North Marin Water District	2110003 009	Upgrade or replace rank screens.	1998	\$25,000
	O	C	53000	North Marin Water District	2110003 008	Eliminate reducing station and install individual PRVs.	1998	\$90,000
	O	C	53000	North Marin Water District	2110003 006	Install control system improvements to provide early warning of power problems: Upper Wild Horse, Old Ranch Road, Eagle Drive, Bahia, and Garner.	1998	\$50,000
	O	C	53000	North Marin Water District	2110003 004	Study and implement appropriate strategies.	1998	\$10,000
	O	C	53000	North Marin Water District	2110003 007	Study leak/capacity, (98/99), construct new IMG storage tank and new pump station.	1998	\$7,275,000
	O	C	53000	North Marin Water District	2110003 014	INSTALL ON LINE MONITORS FOR TURBIDITY, CHLORINE AND PH.	1999	\$25,000
	O	C	53000	North Marin Water District	2110003 012	Install blowoffs at all zone valves to facilitate flushing.	1999	\$120,000
	O	C	53000	North Marin Water District	2110003 013	UPGRADE TO DOUBLE CHECKS AS APPROPRIATE.	1999	\$100,000
	O	C	53000	North Marin Water District	2110003 018	Isolate Cherry Hill from plant water.	1999	\$50,000
	O	C	53000	North Marin Water District	2110003 019	Construct a communication link between District offices and Novato emergency operations center.	2000	\$20,000
	O	C	53000	North Marin Water District	2110003 011	Chlorine booster stations. Stafford TP rehabilitation may impact need.	2000	\$35,000
	O	C	53000	North Marin Water District	2110003 030	Repair intake tower gate(s).	2001	\$200,000
	O	C	53000	North Marin Water District	2110003 026	Participate in the purchase of water quality protection easements on ranch property.	2002	\$500,000
	O	C	53000	North Marin Water District	2110003 027	Algae control by installation of an engineered lake aeration system to replace existing.	2002	\$120,000
	O	C	53000	North Marin Water District	2110003 028	Chlorine booster stations.	2002	\$120,000
	O	C	53000	North Marin Water District	2110003 029	Storage tank modifications to provide mixing and turnover of water.	2002	\$250,000
	O	C	53000	North Marin Water District	2110003 031	Renovate Stafford Lake intake structure and raw water transmission line.	2003	\$100,000
	O	C	51226	Arcade WD - Town & Country	3410001 002	Replace with larger diameter water mains. Involves design and construction.	1998	\$30,900,000
	O	C	50700	El Toro Water District	3010079 003	Pipeline replacement	2001	\$203,000
	O	C	50700	El Toro Water District	3010079 001	Re-coating of reservoirs	2001	\$1,000,000
	O	C	50700	El Toro Water District	3010079 002	Re-coating of reservoir	2002	\$400,000
	O	C	50000	VALLEY COUNTY WATER DIST.	1910009 005	Design and construct new system interconnections to combine the two water systems as well as at least one new groundwater well.	2001	\$800,000
	O	C	48250	Davis, City of	5710001 001	Construct second water storage tank. Involves design and construction.	2000	\$2,500,000
	O	C	48000	CITY OF COLTON	3610014 004	Rehabilitate wells	1998	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	48000	CITY OF COLTON	3610014 005	Install approved coating	1998	\$350,000
	O	C	48000	CITY OF COLTON	3610014 002	Drill new well and construct new transmission lines	1998	\$3,525,000
	O	C	48000	CITY OF COLTON	3610014 006	Recoat reservoir	1998	\$350,000
	O	C	48000	CITY OF COLTON	3610014 003	Drill new well and replace transmission lines	1998	\$3,525,000
	O	C	48000	CITY OF COLTON	3610014 001	Recoat reservoir	1998	\$800,000
	O	C	48000	CITY OF COLTON	3610014 007	Recoat reservoir	1998	\$350,000
	O	C	45325	CUCC - Parkway	3410017 004	Sky Parkway backbone main. Involves design and construction.	1998	\$550,000
	O	C	45325	CUCC - Parkway	3410017 006	Center Parkway Main replacement. Involves design and construction.	1998	\$270,000
	O	C	45325	CUCC - Parkway	3410017 010	A/E Parkway main replacement. Involves design and construction.	1998	\$680,000
	O	C	45325	CUCC - Parkway	3410017 001	Parksite backwash tank. Involves design and construction.	1998	\$200,000
	O	C	45000	MONTE VISTA CWD	3610029 006	Construct pump to waste lines to divert flow to perc basin	1998	\$150,000
	O	C	45000	MONTE VISTA CWD	3610029 012	Construct new booster at Plant 16	1998	\$60,000
	O	C	45000	THOUSAND OAKS WATER DEPT	5610020 001	Construct a new larger reservoir to meet the current seismic codes and the standard for fire flow storage.	1998	\$1,000,000
	O	C	45000	MONTE VISTA CWD	3610029 013	Construct new reservoir	2000	\$4,000,000
	O	C	44800	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 003	Acquisition of property for the drilling of a well near Fitzgerald interconnection with Callegaus MWD will provide for the addition of future emergency and alternative water supply to the system. Overall water quality improvement by blending.	1998	\$150,000
	O	C	44800	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 001	Drill and equip a well at the Rebecca Plant to provide for future emergency and laternative water supply.	1998	\$450,000
	O	C	44800	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 002	Provide an additional 2 MG of storage steel tank for emergency and peak supply.	1998	\$1,000,000
	O	C	44800	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 004	Study groundwater quality and quantity available in the area of the highest elevation. Results will be used to select a well site to provide emergency and alternative water supply of good water quality to this area.	1998	\$30,000
	O	C	43349	CAMARILLO WATER DEPT	5610019 001	Construct additional wells to provide provide redundancy and insuring system reliability.	1998	\$740,000
	O	C	42200	Hanford, City of	1610003 001	CONSTRUCT FILTER SYSTEM AT WELL HEAD	1998	\$350,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 002	Connect to Daly Ave main. Involves design and construction.	1998	\$160,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 003	Treelark wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 005	Glass Slipper wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 006	Villaview wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 007	Lincoln Oaks tank and booster station. Involves design and construction.	1998	\$1,800,000
	O	C	42000	CUCC - Lincoln Oaks	3410013 004	Sandlewood wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	41840	Southern CA Water Co - Cordova Water Srv	3410015 003	Install industry approved water sampling stations in the system.	1998	\$45,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	41840	Southern CA Water Co - Cordova Water Srv	3410015	002	Install a complete self-cleaning debris rack on the intake.	1998	\$15,000
	O	C	41427	City of San Bruno	4110023	001	Supply and installation of water meters and electronic "touch read" devices.	1998	\$830,300
	O	C	41427	City of San Bruno	4110023	005	Detailed field inspection/survey to determine the magnitude of the problem. Sand blasting and recoating of the interior.	1998	\$120,000
	O	C	41427	City of San Bruno	4110023	008	Construct storage facilities to expand storage capacity.	1998	\$10,200,000
	O	C	41000	North Coast County Water Dist	4110025	006	Phase 1 system modifications will allow leaking main to be taken out of service	1998	\$75,000
	O	C	41000	North Coast County Water Dist	4110025	007	Phase 2 of project will place a liner inside main after phase 1 work is completed.	1999	\$350,000
	O	C	40443	Soquel Creek Water District	4410017	003	Upgrades to treatment plant--granular activated carbon filters, and water softening equipment.	1998	\$500,000
	O	C	40443	Soquel Creek Water District	4410017	004	System needs a computer groundwater model to simulate groundwater basin yield.	1998	\$300,000
	O	C	40443	Soquel Creek Water District	4410017	002	Install treatment and water softening equipment.	1998	\$1,100,000
	O	C	40443	Soquel Creek Water District	4410017	009	Construct new production well at Top Sail Court.	1999	\$1,900,000
	O	C	40443	Soquel Creek Water District	4410017	008	Install La Selva Beach production well will provide additional water in sub-area IV.	2000	\$758,900
	O	C	40443	Soquel Creek Water District	4410017	006	Install a multiple shallow well system to reduce localized groundwater demand and avoid using deeper waters.	2000	\$3,000,000
	O	C	40443	Soquel Creek Water District	4410017	005	Purchase 40 acres and build a surface water treatment plant, reservoir, pipeline, and surface water intake/pump station off Soquel Creek.	2001	\$40,000,000
	O	C	40443	Soquel Creek Water District	4410017	007	Installation of a production well in sub-area III.	2002	\$1,000,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003	007	Construct reservoir and booster system adjacent to well	1998	\$300,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003	009	Replace hypo units with chlorine generators	1998	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003	010	Replace hypo units with chlorine generators	1999	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003	011	Replace hypo units with chlorine generators	2000	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003	012	Replace hypo units with chlorine generators	2001	\$200,000
	O	C	38700	Carmichael Water District	3410004	003	Abandonment of wells.	1999	\$150,000
	O	C	37619	Porterville, City of	5410010	001	DESIGN AND INSTALL FIVE LARGE, DEEP WELLS AND PUMPING SYSTEMS TO REPLACE LOST PRODUCTION.	1998	\$2,000,000
	O	C	36500	San Dieguito WD	3710021	001	Back wash water secondary treatment (reclamation) and removal of accumulated solids in lake for taste and odor improvements.	1998	\$5,900,000
	O	C	35553	City of Yuba City	5110002	005	Rehabilitate storage tanks with baffles and reroute piping around treatment plant.	1998	\$1,126,000
	O	C	35553	City of Yuba City	5110002	011	Drill a new well.	1998	\$665,000
	O	C	35553	City of Yuba City	5110002	010	Install new pipelines to increase water flows to low pressure areas.	1998	\$1,900,000
	O	C	35553	City of Yuba City	5110002	008	Construct new backwash sump and pump station.	1998	\$525,000
	O	C	35553	City of Yuba City	5110002	001	Construct two new dual media filters.	1998	\$2,250,000
	O	C	35553	City of Yuba City	5110002	007	Rehabilitate sedimentation basins.	1999	\$1,000,000
	O	C	35553	City of Yuba City	5110002	009	Construct a 3.0 MG storage tank, pump station and appurtenances.	2000	\$3,360,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	34900	INDIAN WELLS VALLEY W.D.	1510017	001	SPREAD WELLFIELD OUT. OTHER - DESIGN AND CONSTRUCTION	1998	\$3,925,000
	O	C	34300	Southern Calif WC - Placentia	3010035	001	Study the need to install chloramination facilities.	1998	\$65,000
	O	C	34082	CUCC - Suburban	3410010	004	Drill and equip well. Involves design and construction.	1998	\$530,000
	O	C	34082	CUCC - Suburban	3410010	003	Booster station, tank and connecting mains. Involves design and construction.	1998	\$2,500,000
	O	C	34082	CUCC - Suburban	3410010	002	US 50 overcrossing. Involves design and construction.	1998	\$250,000
	O	C	31726	San Juan Water District	3410021	001	Improve suction sides and replace pumps.	1998	\$2,800,000
	O	C	31726	San Juan Water District	3410021	006	Determine improvements/replacements to existing SCADA system and implement.	1998	\$900,000
	O	C	31726	San Juan Water District	3410021	005	Reconstruction to replace or renovate the pipeline.	1998	\$940,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	004	Drill ejection and/or replacement wells.	2001	\$1,500,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	005	Construct SWTP using state project water	2001	\$650,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055	006	Drill replacement well	2002	\$225,000
	O	C	31000	CRESCENTA VALLEY CWD	1910028	003	Funding requested for a water distribution system pipeline replacement program that has been in place since 1994/95 for a portion from 1997/98 beyond. Project involves: Design, and Construction	1998	\$8,173,060
	O	C	30450	West Sacramento, City of	5710003	002	Add a 3mg storage tank pumping system.	1998	\$700,000
	O	C	30450	West Sacramento, City of	5710003	004	Extend the Harbor Boulevard water line under Bus 80 down Industrial Boulevard to the Southport area.	1998	\$3,800,000
	O	C	30450	West Sacramento, City of	5710003	003	Design a filter to waste system and increase water treatment capacity.	1998	\$1,000,000
	O	C	28500	Santa Paula Water System	5610011	009	Design, construct and inspect construction of new roof.	2000	\$500,000
	O	C	28000	City of Benicia	4810001	018	Miscellaneous projects to address the concerns listed in Attachment 1.	1998	\$59,000
	O	C	28000	City of Benicia	4810001	016	Perform a feasibility study to determine feasibility of project.	1998	\$150,000
	O	C	28000	City of Benicia	4810001	013	Design and construction of 800 feet of 24 inch pipeline to replace the existing 14 inch pipeline.	2001	\$204,000
	O	C	28000	City of Benicia	4810001	014	Design and install a second pipeline to connect the WTP to the Lake Herman inlet pipeline, which allow operators to waste recycled plant flow to lake Herman while in use.	2002	\$1,310,000
	O	C	26723	ATASCADERO MUTUAL WATER CO	4010002	002	Develop additional wells for new and replacement water supply.	1999	\$1,500,000
	O	C	26723	ATASCADERO MUTUAL WATER CO	4010002	003	Water well recovery system, distribution, and blending facility.	2001	\$775,000
	O	C	26280	Suisun City	4810005	001	Modify distribution system.	1998	\$214,000
	O	C	25000	Mission Springs WD	3310008	004	Design and construction of 875+ new copper water service laterals to meet the WWS.	1998	\$590,000
	O	C	25000	City of Hollister	3510001	001	Construct a surface water treatment plant and delivery system to utilize the Central Valley Project Waer that is locally available.	1998	\$10,800,000
	O	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143	005	Recondition well column and casing. Clean well screens and replace pump/motor. Project involves: Design to solve problem and Construction	2000	\$85,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	012	INSTALL WATER MAINS TO IMPROVE FIRE PROTECTION AND IMPROVE OUR ABILITY TO FILL THE EXISTING WATER TANK.	1999	\$350,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	009	REPLACEMENT OF WATER MAIN AND CONSTRUCTION OF A BOOSTER PUMP STATION TO REDUCE MAINTENANCE.	1999	\$1,250,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	006	UPGRADE EXISTING BOOSTER STATION TO ELIMINATE FREQUENT MAINTENANCE.	2000	\$200,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204	019	CONSTRUCT A 1.6 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE	2002	\$1,680,000
	O	C	24305	East Niles CSD	1510006	002	Drill a new well to a different depth and seal all but selected zone.	2003	\$300,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	005	Automate the Foxenwood zone system.	1998	\$30,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	007	Install two industrial approved sample stations for TCR sampling.	1998	\$5,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	009	Automate the Evergreen Zone.	1998	\$30,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	008	Install cathodic protection at two reservoirs, Orcutt Hill and Orcutt plant Reservoir	1998	\$25,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	003	Implement a groundwater management plan.	1998	\$5,000
	O	C	24300	CAL CITIES - ORCUTT	4210016	004	Automate the system with auto dailer.	1998	\$50,000
	O	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	004	Install chlorination equipment, safety systems and chlorination buildings at Grand Reservoir. Project involves: Design, and Construction	1998	\$500,000
	O	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	001	Replace reservoir roof. Project involves: Design to solve problem, and Construction	1999	\$450,000
	O	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	003	Install denitrification system. Project involves: Design to solve problem, and Construction	2000	\$1,800,000
	O	C	23962	Valley Center MWD	3710026	002	Construct pressure filtration plant.	2000	\$6,000,000
	O	C	23450	CALIFORNIA WATER SERVICE CO - WESTLAKE	5610016	001	Design and construct a booster station on the outlet of this reservoir	1999	\$235,000
	O	C	23247	Arcade WD - North Highlands	3410025	002	Replace with larger diameter water mains. Involves design and construction.	1998	\$7,700,000
	O	C	22900	PASO ROBLES WATER DEPARTMENT	4010007	001	Propose building a 4 million gallon storage tank on the east side of town	1998	\$3,500,000
	O	C	22254	PORT HUENEME WATER DEPT	5610009	002	Remove the elevated water storage tank and replace the operational controls for the wells with programmable logic controllers and one variable speed drive. The water distribution system capacity and reliability will be improved during a water outage	1998	\$80,000
	O	C	22105	Alco Water Service	2710001	001	Install disinfection facilities & equipment at six well sites.	1998	\$30,000
	O	C	21734	HI DESERT WD	3610073	001	Accelerate 12 year replacement plan to 2 years	1998	\$10,000,000
	O	C	21554	Corcoran, City of	1610004	004	NEW WATER SYSTEM MASTER PLAN	1998	\$100,000
	O	C	21554	Corcoran, City of	1610004	007	INSTALL WATER STORAGE AND BOOSTER SYSTEMS, INCLUDING 1 MG RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,200,000
	O	C	21554	Corcoran, City of	1610004	001	IDENTIFY NEW WELL FIELD, PURCHASE LAND AND WATER RIGHTS.	1998	\$250,000
	O	C	21554	Corcoran, City of	1610004	003	INSTALL A 2 MG RESERVOIR AT BOOSTER STATION 3. OTHER - DESIGN AND CONSTRUCTION	1998	\$960,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	21554	Corcoran, City of	1610004	006	INSTALL METER SYSTEM WIDE. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,800,000
	O	C	21500	City of Millbrae	4110018	004	Design and construct 2 MG water storage reservoir for low elevation service area.	2002	\$2,500,000
	O	C	21000	City of Brentwood	0710004	016	Install equipment at each well site for chloramination in order to have our well water be compatible with the Randall-Bold treated water	1998	\$450,000
	O	C	21000	City of Brentwood	0710004	010	Replace the valves currently used with electrically operated ones.	1998	\$30,000
	O	C	21000	City of Brentwood	0710004	017	Connect well #9 to the city water distribution.	1998	\$250,000
	O	C	21000	City of Brentwood	0710004	007	Sealing of shallow wells to eliminate the possibility of contamination.	1999	\$1,150,000
	O	C	21000	City of Brentwood	0710004	015	Obtain and install a SCADA system to insure automated notification of system problems/	1999	\$500,000
	O	C	21000	City of Brentwood	0710004	014	Replace approximately 3500 outdated leaking inaccurate and unreliable meters.	1999	\$1,400,000
	O	C	20434	Valley of the Moon Water District	4910013	001	Construct additional wells.	1998	\$350,000
	O	C	20020	LOMITA-CITY, WATER DEPT.	1910073	001	A water treatment plant to enable the city to use the well water is needed. (additional supporting detail will follow) Project involves: Design, and Construction	1999	\$1,000,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002	001	Replace all control valves and meters on the pressure filters at the Hill Street Treatment Plant.	1998	\$25,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002	003	Repair of Aluminum and Caustic Soda chemical containment enclosures at the Hill Street Treatment Plant.	1998	\$75,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002	005	Drill new well.	1998	\$75,000
	O	C	18232	CUCC - Rosemont	3410034	003	Replace Montezuma well. Involves design and construction.	1998	\$600,000
	O	C	18232	CUCC - Rosemont	3410034	001	Keifer Blvd/City of Sacramento interconnection. Involves design and construction.	1998	\$1,050,000
	O	C	18200	Marina Coast Water District	2710017	003	Construct a 4,500 linear foot pipeline to supplement existing water line	2001	\$300,000
	O	C	18200	Marina Coast Water District	2710017	001	Replace inadequate 300,000 gallon reservoir to meet current and planned demands	2001	\$900,000
	O	C	18200	Marina Coast Water District	2710017	006	Complete feasibility study of system infrastructure to identify corrective action to solve problem	2002	\$100,000
	O	C	18200	Marina Coast Water District	2710017	005	Complete feasibility study of system infrastructure to identify corrective action to solve problem	2002	\$100,000
	O	C	18200	Marina Coast Water District	2710017	002	Replace Bayer Tank	2002	\$650,000
	O	C	18200	Marina Coast Water District	2710017	004	Conduct storage tank inspections and develop feasibility study	2002	\$75,000
	O	C	17800	MONTECITO WATER DIST	4210007	001	Replace pipelines and install pump station.	1998	\$5,100,000
	O	C	17800	MONTECITO WATER DIST	4210007	003	Construct pump station and additional piping.	1998	\$770,000
	O	C	17800	MONTECITO WATER DIST	4210007	005	Rehab tunnel.	1999	\$725,000
	O	C	17500	Orange Vale Water Company	3410016	001	Build an above ground storage facility and install water meters.	2000	\$0
	O	C	17300	City of Livermore	0110011	001	Add two elevated storage reservoirs, associated piping and pump station to system.	1998	\$10,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	16600	Coalinga-City	1010004	001	RETAIN A CONSULTING ENGINEER TO STUDY THE ADEQUACY OF THE DISTRIBUTION SYSTEM.	1998	\$100,000
	O	C	16500	CITY OF ADELANTO	3610001	001	Construct SWTP to treat water from the aqueduct	2002	\$24,000,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245	001	Construct replacement well near spreading grounds. Conduct tracer study to determine travel times of recycled water.	2001	\$1,250,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245	003	Construct new well to replace Well 304.	2003	\$800,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245	002	Reinstall 85 feet of sewer main within a steel casing to maintain a 50 foot separation.	2003	\$25,000
	O	C	16426	ARROYO GRANDE, WATER DEPARTMENT	4010001	001	Analysis, design and construction of a new water storage reservoir no.1	1998	\$2,095,300
	O	C	16000	OAK PARK WATER SERVICE	5610043	001	Seismic upgrades for tanks and aquifer storage approx. 1,000 acre feet where no wells currently exists.	1998	\$2,000,000
	O	C	15030	Ukiah, City of	2310003	002	Expand existing surface water treatment plant to be able to treat water produced by three wells that may be under the direct influence of surface water	2003	\$3,000,000
	O	C	15000	Coastside County Water District	4110011	001	This project will replace 3,300 lineal feet of 12" transmission pipeline with 24" ductile iron pipeline.	1998	\$800,000
	O	C	15000	Coastside County Water District	4110011	002	Replace 2,300 lineal feet of existing 12" welded steel transmission pipeline with 12" ductile iron pipeline.	1998	\$500,000
	O	C	15000	Coastside County Water District	4110011	003	Replace existing 10 inch diameter pipeline with a 16 inch pipeline.	1999	\$2,500,000
	O	C	14750	Rio Linda/Elverta Community Water Dist	3410018	003	Refinance.	1998	\$8,000,000
	O	C	14673	Avenal, City of	1610002	005	INTERIOR AND EXTERIOR SURFACES OF THE WATER STORAGE TANKS WOULD BE SANDBLASTED AND CLEANED WITH EXISTING CATHODIC PROTECTION SYSTEMS WOULD BE INSPECTED AND REPLACED AS NEEDED. OTHER - DESIGN AND CONSTRUCTION	1998	\$570,000
	O	C	14673	Avenal, City of	1610002	004	INSTALL A NEW PRESSURE PIPELINE TO PROVIDE EMERGENCY/BACKUP SYSTEM AND FUTURE WATER SUPPLY TRANSMISSION SYSTEM AS GROWTH REQUIRES. OTHER - DESIGN AND CONSTRUCTION	1998	\$4,260,000
	O	C	14302	Riverbank, City of	5010018	001	DRILL NEW WELL(S) ON REMOTE SITE AND CONSTRUCT STORAGE TANK(S).	1998	\$1,500,000
	O	C	13147	City of Red Bluff	5210004	012	Replace 6" waterline.	1998	\$30,000
	O	C	13147	City of Red Bluff	5210004	014	Replace 6" waterline.	1998	\$30,000
	O	C	13147	City of Red Bluff	5210004	015	Replace 6" waterline.	1998	\$20,000
	O	C	13147	City of Red Bluff	5210004	010	Install a new well to supplement existing system.	1998	\$200,000
	O	C	13147	City of Red Bluff	5210004	007	Drill and construct a new well near the 3MG reservoir.	1998	\$200,000
	O	C	13147	City of Red Bluff	5210004	001	Hire a computer water system consultant to improve existing model.	1998	\$20,000
	O	C	13147	City of Red Bluff	5210004	013	Replace 6" waterline.	1998	\$20,000
	O	C	13147	City of Red Bluff	5210004	002	Complete redesign and installation of SCADA system.	1999	\$252,400

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001	005	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	12771	JOSHUA BASIN CWD	3610025	001	Construct Surface Water Treatment Plant to minimize overdraft of groundwater basin	1998	\$2,200,000
	O	C	12771	JOSHUA BASIN CWD	3610025	003	Construct 0.3 MG reservoir	1998	\$300,000
	O	C	12771	JOSHUA BASIN CWD	3610025	002	Construct 0.5 MG reservoir	1999	\$450,000
	O	C	12762	GROVER BEACH WATER DEPARTMENT	4010004	001	Repair and replace corroded members including floor, sandblast and recoat, new cathodic protection	1998	\$350,000
	O	C	12026	NORWALK - CITY, WATER DEPT.	1910191	003	Treatment of the well would be done on the well site. Because 1,2-dichloroethane can be difficult to remove, treatment methods need to be evaluated in order to select the most appropriate treatment method. The Water Replenishment District of Southern Ca	2001	\$250,000
	O	C	12000	ROSAMOND CSD	1510018	003	DRILL WELL, INSTALL MOTOR, AND CONNECTING LINES TO EXISTING SYSTEMS	1998	\$200,000
	O	C	11895	Shafter, City of	1510019	002	CONSTRUCT NEW WELL TO REPLACE WELL #10. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	O	C	11130	Newhall CWD-Newhall	1910096	001	The proposed 30-inch diameter San Fernando Road pipeline 11,000' will reduce friction loss between the well field and Tank 9 and thereby increase well production. This line will also be dedicated pipeline to Tank 9 and thereby provide blending capac	1998	\$2,000,000
	O	C	11046	BALDY MESA CWD	3610010	001	Construct 10 MGD surface water treatment plant	1999	\$43,884,600
	O	C	10755	Yuba City Groundwater-Region 1-4	5110003	001	Construct two new wells and 4,000 feet of 12" pipeline. Possibly iron and manganese treatment for the new wells.	1998	\$647,900
	O	C	10500	Riverview WD	3710030	002	Studies are required to completely define the problem.	1998	\$100,000
	O	C	10500	Riverview WD	3710030	001	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$50,000
	O	C	10500	Riverview WD	3710030	004	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$175,000
	O	C	10500	Riverview WD	3710030	007	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$750,000
	O	C	10500	Riverview WD	3710030	008	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$100,000
	O	C	10500	Riverview WD	3710030	006	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
	O	C	10500	Riverview WD	3710030	005	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
	O	C	10318	San Bernadino CSA 70L	3610120	001	Construct 6 new reservoirs and 4 new wells	1998	\$4,400,000
	O	C	10318	San Bernadino CSA 70L	3610120	007	Construct treatment plant to treat water from the aqueduct	2002	\$10,500,000
	O	C	10300	City of Fortuna	1210006	002	Reconstruct tank in existing location-demolish old tank in build new 500,000 gal concrete tank.	2005	\$590,000
	O	C	10032	SCWMD - Arden Park Vista	3410002	009	Construct main replacement project. Involves design and construction.	1998	\$2,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	10032	SCWMD - Arden Park Vista	3410002	007	Design and construct a 250,000 gallon storage tank and booster station.	1998	\$250,000
	O	C	10032	SCWMD - Arden Park Vista	3410002	006	Perform an engineering study to define a main replacement program.	1998	\$100,000
	O	C	10032	SCWMD - Arden Park Vista	3410002	008	Acquire site for 250,000 gallon storage tank and booster station.	1998	\$100,000
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046	001	SANDBLAST AND RECOAT INTERIOR AND EXTERIOR OF THE RESERVOIRS.	1998	\$1,244,000
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046	006	REPAIR AND REPLACE EXISTING VALVES	1998	\$44,500
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046	005	SUPPLY CATHODIC PROTECTIONS FOR WELLS	1998	\$43,525
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046	002	INSTALL PIPING TO CONNECT THE 2 RESERVOIRS	1998	\$296,250
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046	003	INSTALL NEW VALVES AND WATER METERS	1998	\$52,430
	O	C	9977	CITY OF LATHROP	3910015	002	Replace distribution lines as required and drill new well.	2002	\$3,000,000
	O	C	9920	Nevada ID - Loma Rica	2910006	006	Add 3.0 MG storage tank. Involves design and construction.	1998	\$1,800,000
	O	C	9920	Nevada ID - Loma Rica	2910006	005	Replace with standard water main materials. Involves design and construction.	1998	\$80,000
	O	C	9920	Nevada ID - Loma Rica	2910006	002	Replace existing equipment with new dual-feed lime silo and spill contaminant wall. Involves design and construction.	1998	\$190,000
	O	C	9920	Nevada ID - Loma Rica	2910006	010	Add 1.6 MG storage tank at David Way and abandon Cherry Creek tank. Involves design and construction.	1998	\$1,200,000
	O	C	9920	Nevada ID - Loma Rica	2910006	003	Replace faulty material with standard waterworks pipeline. Involves design and construction.	1998	\$895,000
	O	C	9920	Nevada ID - Loma Rica	2910006	009	Rehabilitate pump station and add redundancy. Involves design and construction.	1998	\$120,000
	O	C	9920	Nevada ID - Loma Rica	2910006	007	Add a second transmission main into the Alta Sierra System. Involves design and construction.	2000	\$1,400,000
	O	C	9920	Nevada ID - Loma Rica	2910006	004	Add second transmission main through Cedar Ridge. Involves design and construction.	2001	\$740,000
	O	C	9500	MAYWOOD MUTUAL WATER CO. #3	1910086	001	Design and construct a replacement well	1999	\$350,000
	O	C	9479	CHANNEL ISLANDS BEACH CSD	5610039	001	Desalination treatment plant, storage Reservoir and State Water connection	1998	\$4,000,000
	O	C	9479	CHANNEL ISLANDS BEACH CSD	5610039	002	Decommission three wells.	2000	\$60,000
	O	C	9462	American Canyon, City of	2810005	003	Construction of minimum two MGD treatment plant.	2001	\$3,500,000
	O	C	9333	SIGNAL HILL - CITY, WATER DEPT.	1910149	009	Remove and replace old cast iron pipelines with Class 52 Ductile Iron pipe.	1998	\$384,000
	O	C	9282	Sonoma, City of	4910012	001	Relocate tank to higher elevation in order to serve certain area of system. Project would include site assessment, acquisition, tank construction, system line-up and possible booster pump construction.	1998	\$500,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004	004	Add second transmission main into the Oaks area.	1998	\$210,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004	002	Add a new raw water pump station at D.S. canal and transmission pipeline to Banner.	1998	\$885,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004	003	Replace distribution system and service line with standard waterworks materials.	2000	\$390,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004	001	Replace pipeline.	2001	\$7,000,000
	O	C	8616	Exeter, City of	5410003	001	DBCP treatment or construct a new well	2001	\$300,000
	O	C	8460	Florin County Water District	3410033	003	Transmission mains for conjunctive use distribution.	1998	\$0
	O	C	8460	Florin County Water District	3410033	002	Transmission mains to convey treated water from centralized treatment plant.	1998	\$0
	O	C	8460	Florin County Water District	3410033	001	Rehabilitation and replacement of aged and antiquated system.	1998	\$0
	O	C	8300	Fort Bragg, City of	2310001	002	Replace 4000 L.F. of raw water transmission line and upgrade pumps and pumping station.	1999	\$540,000
	O	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020	001	Replace liner and upgrade piping and inlet/outlet.	1998	\$1,500,000
	O	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020	004	Implement slope stabilization measures necessary to control embankment creep below the reservoir and reservoir reconditioning.	1999	\$2,500,000
	O	C	8200	SOUTHERN CALIFORNIA WATER CO - OJAI	5610014	001	Electrical upgrades at the San Antonio and Gorham well	1998	\$300,000
	O	C	8086	Imperial, City of	1310006	002	Design and construct sludge removal improvements and filter improvements.	1998	\$1,500,000
	O	C	7500	TRACT 349 MUTUAL WATER CO.	1910160	001	Enlarge our pump stations' pumping capacity and add new IMG reservoir. Project involves: Design to solve problem, and Construction	1998	\$950,000
	O	C	7500	LA PUENTE VALLEY CWD	1910060	007	Replace existing reservoir with 250,000 gal. steel reservoir. Project involves: Design to solve problem, and Construction	2001	\$500,000
	O	C	7412	California-American Larkfield	4910023	001	Improvements to existing water treatment plant.	1998	\$210,000
	O	C	7344	NEWHALL CWD-PINETREE	1910250	002	Install pump, motor, and electrical equipment to pump 800 gpm from Well No. 1 and discharge piping to Soledad Canyon Road. Project involves: Design to solve problem, and Construction	1998	\$250,000
	O	C	7344	NEWHALL CWD-PINETREE	1910250	003	Construct 9,000 feet of 16-inch diameter pipeline from Oak Springs Boulevard to Pinetree storage tank (See Exhibit) Project involves: Design to solve problem, and Construction	1998	\$1,575,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121	001	Construct 1 MG reservoir	1998	\$400,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121	003	Enhance ability to operate and monitor unattended sites throughout water distribution system	2000	\$100,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121	002	Provide a standby power generator to operate production well #6	2000	\$50,000
	O	C	7000	North of the River MWD	1510041	001	A new water line to transport this water to a point where it can be blended with better quality water. OTHER- Design and Construction.	1998	\$1,600,000
	O	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015	002	Annexation of area into CV water district	1999	\$1,815,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	6500	CAMBRIA COMM SERVICES DIST	4010014	004	Seawater desalination plant with beach wells	1999	\$10,000,000
	O	C	6500	CAMBRIA COMM SERVICES DIST	4010014	005	Provide alternate temporary routing of the pipeline during construction and replacement of at least 300 ft. of pipeline.	1999	\$150,000
	O	C	6412	TUD - Crystal Falls Water System	5510010	004	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	002	Replace section of canal with pipeline. Involves design and construction.	1998	\$550,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	003	Relocate siphon around washout. Involves design and construction.	1998	\$170,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	004	Add a second pump. Involves design and construction.	1998	\$45,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	005	Add a second pump. Involves design and construction.	1998	\$95,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	001	Encase and armor canal headworks. Project involves design and construction.	1999	\$280,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023	008	Replace redwood tank with welded steel tank. Involves design and construction.	2000	\$180,000
	O	C	6091	DELHI CWD	2410006	003	INSTALL WELL HEAD TREATMENT TO REMOVE NITRATES.	1998	\$400,000
	O	C	6000	BIG BEAR CITY CSD	3610008	005	Design reclamation facility to replace potable water used for habit	1998	\$500,000
	O	C	6000	BIG BEAR CITY CSD	3610008	006	Construct fluoride removal system	2004	\$0
	O	C	5874	CAL. CITIES - LOS OSOS	4010017	001	Groundwater Management Plan	1998	\$10,000
	O	C	5874	CAL. CITIES - LOS OSOS	4010017	002	Water sampling stations (6)	1998	\$30,000
	O	C	5429	CAWC - Montara	4110010	012	School house tank site additional 650,000.	1998	\$405,000
	O	C	5429	CAWC - Montara	4110010	010	Controls and instrumentation	1998	\$47,000
	O	C	5429	CAWC - Montara	4110010	011	Replace and upgrade school house tank building.	1998	\$393,000
	O	C	5275	City of Live Oak	5110001	007	The replacement of existing pumps with variable speed pumps will prolong the life of the system and reduce energy and maintenance costs.	1998	\$100,000
	O	C	5275	City of Live Oak	5110001	003	The installation of telemetry lines and continuous monitoring instrumentation (e.g. flow, pressure, and chlorination) for each well would allow the City to provide safe and dependable water service.	1998	\$25,000
	O	C	5275	City of Live Oak	5110001	008	Solution requires determination of the causes of poor water quality for design and construction of improvements.	1998	\$50,000
	O	C	5275	City of Live Oak	5110001	009	The automation of existing and future meters will allow the City to direct its scarce resources to other water enterprise improvements.	1999	\$75,000
	O	C	5060	California Cities Water Company	1710002	005	Install cathodic protection in the treatment plant's clearwell.	1998	\$20,000
	O	C	5060	California Cities Water Company	1710002	002	GAC in contactor #2 will be replaced with regenerated GAC.	1998	\$25,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	008	Replace all steel lines with PVC.	1998	\$399,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	004	Replace all steel lines with PVC.	2000	\$197,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	005	Drain and inspect tanks and determine the best way to fix the problem.	2001	\$200,000
	O	C	5000	WESTERN HEIGHTS WATER COMPANY	3610053	001	Construct new well	2002	\$765,335

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	002	Installed On-site chlorine generation system to meet the County requirements.	2002	\$150,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	007	Pulled Well No. 9 and determined the best way to fix the problem is to replace liner.	2002	\$60,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008	006	Drain and inspect tanks and then determine the best ways to fix the problem.	2002	\$100,000
	O	C	4954	Calistoga, City of	2810002	007	Drain and clean tank, recoat with epoxy, clean outside of tank and paint.	1998	\$100,000
	O	C	4954	Calistoga, City of	2810002	010	Relocate pump station to area not impacted by floods.	1999	\$100,000
	O	C	4954	Calistoga, City of	2810002	009	Install inflatable spillway barrier to allow releasing water safely if major storm hit.	1999	\$100,000
	O	C	4954	Calistoga, City of	2810002	008	Relocate new main along roadway.	2000	\$1,000,000
	O	C	4840	Nevada ID - Lake of Pines	2910014	002	Replace both redwood tanks with welded steel tank.	1999	\$420,000
	O	C	4740	Nevada ID - North Auburn	3110026	001	Add flash mix equipment. Involves design and construction.	1998	\$215,000
	O	C	4740	Nevada ID - North Auburn	3110026	002	Install temporary shoring, patch cracks and holes, relocate system pumps, and replace roof. Involves design and construction.	1998	\$560,000
	O	C	4740	Nevada ID - North Auburn	3110026	003	Add 3.0 MG storage tank. Involves design and construction.	1999	\$1,700,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112	001	Construct telemetry system	1998	\$150,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112	002	Drill three new wells	2000	\$260,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112	004	Enhance ability to operate and monitor sites by a new telemetry system	2000	\$0
	O	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	001	Construct 4 new reservoirs and 3 new wells	1998	\$3,100,000
	O	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	006	Install a new telemetry system to monitor the system for automatic control and alarms	2000	
	O	C	4715	San Bernadino CSA 70J (Oak Hills)	3610125	007	Construct treatment plant to treat water from the aqueduct.	2002	\$10,500,000
	O	C	4696	TUD - COLUMBIA	5510013	004	CONSTRUCT IMPROVEMENTS AND REPAIRS TO THE INTAKE STRUCTURE.	1998	\$74,000
	O	C	4696	TUD - COLUMBIA	5510013	001	PIPE APPROXIMATELY 800 FEET OF DITCH AND GUNITE LINE APROXIMATELY 2000 FEET OF DITCH.	1999	\$78,000
	O	C	4696	TUD - COLUMBIA	5510013	006	INSTALL PARTICLE COUNTERS	1999	\$18,000
	O	C	4696	TUD - COLUMBIA	5510013	002	CONSTRUCT RESERVOIR IMPROVEMENTS AND PIPE THE MATELOT DITCH TO PROVIDE SOURCE WATER PROTECTION.	1999	\$1,210,000
	O	C	4693	Winters, City of	5710005	002	Construct physical connections between zones and change existing one speed motors to variable speed, install telemetry and remove contaminated well once zones are connected.	1998	\$650,000
	O	C	4693	Winters, City of	5710005	001	Install service meters, purchase meter testing and reading equipment. Perform rate study with recommendations for rates and conservation measures.	1999	\$450,000
	O	C	4693	Winters, City of	5710005	003	Replace existing distribution and transmission lines with new mains. Replace all pipes with leaded joints and replace service lines where mains are replaced.	1999	\$1,500,000
	O	C	4610	TUD-UPPER BASIN	5510012	003	INTALL TUBE SETTLERS INSIDE THE EXISTING UPFLOW CLARIFIER.	1998	\$24,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	4610	TUD-UPPER BASIN	5510012	010	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	4600	Lakeport, City of	1710004	001	Increase CT at well facilities by increasing storage.	1998	\$600,000
	O	C	4500	Konocti County Water District	1710006	003	Replace with 12 inch PVC pipe.	1998	\$600,000
	O	C	4280	CUCC - Arden	3410045	001	Connect Ethan Way to City of Sacramento. Involves design and construction.	1998	\$250,000
	O	C	4000	PLANADA CSD	2410007	001	REPLACE THE DEFECTIVE SERVICES LINES WITH NEW LINES.	1998	\$50,000
	O	C	4000	Brooktrails Township CSD	2310009	002	Build Backwas Pond's recycle backwash water to Lake Ada Rose or plumb backwash water into sewer.	2003	\$130,000
	O	C	3800	Weaverville C.S.D.	5310001	007	Construct water main intertie between West Weaver Creek and East Weaver Creek pressure zone. Refurbish PRV station.	1998	\$29,000
	O	C	3800	Weaverville C.S.D.	5310001	004	Replace the open ditch with approximately 5,500 feet of 8-inch water main.	1999	\$220,000
	O	C	3800	Weaverville C.S.D.	5310001	006	Replace water mains.	2000	\$446,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	003	Drill new well	1998	\$125,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	011	Construct 200k gallon reservoir	1999	\$160,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	004	Drill new well	1999	\$300,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	001	Drill new well	2000	\$30,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	002	Drill new well	2001	\$90,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062	005	Drill new well	2002	\$100,000
	O	C	3710	ACWA Sutter Creek	0310003	004	Extend life of canal through improvements or replace with 8 mile pipeline.	2000	\$6,000,000
	O	C	3651	CAL. CITIES - VISTA/NIPOMO	4010018	001	Groundwater Management Plan	1998	\$5,000
	O	C	3567	Millview County Water District	2310006	001	Drill new wells and raw water river crossing.	1998	\$200,000
	O	C	3500	Chester Public U.D.	3210009	001	Replace 3,600 feet of 4" mains with 6" mains.	1999	\$90,000
	O	C	3500	Chester Public U.D.	3210009	002	Drill and develop at least one additional well including land purchase, pump, and controls.	2002	\$250,000
	O	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248	002	CONSTRUCT A 300,000 GALLON INTERMEDIATE TANK TO PROVIDE STORAGE.	1999	\$3,040,000
	O	C	3313	San Joaquin County-Mokelumne Acres	3910017	001	DRILL NEW WELLS TO REPLACE CONTAMINATED WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,500,000
	O	C	3312	SLO CWD NO. 10 - CAYUCOS	4010025	002	REPLACE & RELOCATE APPROX. 1500 FEET OF 4 INCH LINE WITH 8 INCH LINE, INCLUDES RIGHT OF WAY ACQUISITION.	1999	\$80,000
	O	C	3312	SLO CWD NO. 10 - CAYUCOS	4010025	001	DESIGN & CONSTRUCT A WATER LINE REPLACEMENT PROGRAM	1999	\$300,000
	O	C	3300	City of Williams	0610004	003	Replace existing sand traps on wells.	1998	\$45,000
	O	C	3300	Seaside Municipal Water System	2710018	004	Install on-site generator at well #3.	1998	\$75,000
	O	C	3300	Keyes Community Services Dist.	5010009	002	INSTALL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$150,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	3300	Seaside Municipal Water System	2710018	005	Drill new well. Also, will need pumphouse, emergency power, new connections, etc.	1999	\$850,000
	O	C	3300	Glenshire Mutual Water Company	2910036	002	Design, build and install pressure filter unit that will remove arsenic to below 5ppb.	2001	\$200,000
	O	C	3200	Meadow Vista County Water Dist	3110009	001	Replace 16,000 feet with 8 inch pipe.	1998	\$560,000
	O	C	3143	Sutter Community S.D.	5110007	001	Construct one million gallon storage tank. Installation of three standby power units. Replace 2,100 lineal feet of 6" water line and 31 water service laterals.	1998	\$888,000
	O	C	3100	Armona Community Services Dist	1610001	001	INSTALL TWO NEW STORAGE TANKS. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	O	C	3100	Armona Community Services Dist	1610001	003	INSTALL A SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$80,000
	O	C	3000	Lukins Brothers Water Company	0910007	004	Install tank with supply pump and generator at Well 4.	1998	\$400,000
	O	C	3000	Lake Almanor Country Club MWC	3210006	001	Replace existing water mains that are corroded and undersized along with service laterals.	1998	\$4,000,000
	O	C	3000	ALPINE WATER USERS ASSOCIATION	3610002	001	Refinance	1998	\$1,900,000
	O	C	3000	Lukins Brothers Water Company	0910007	005	Upgrade distribution	2002	\$500,000
	O	C	3000	Lukins Brothers Water Company	0910007	002	Install new lines.	2002	\$4,500,000
	O	C	3000	Murrieta County Water District	3310036	001	Replace aging wells and develop three new ones according to general site location in Master Plan. (No shortages or water outages reported as of 11/01.)	2002	\$1,500,000
	O	C	3000	Murrieta County Water District	3310036	002	Construct a series of storage tanks to meet curretn and rapidly growing needs. (No shortages or outages reported as of 11/01.)	2002	\$4,200,000
	O	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	003	CONSTRUCT ABOUT 3,000 FT. OF PIPELINE ALONG ROMERO CANYON ROAD TO PROVIDE A LOOP SYSTEM INTO THE TANK AND ALLEVIATE THE DEAD END PROBLEM.	2000	\$300,000
	O	C	2866	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185	006	INSTALLATION OF EMERGENCY GENERATORS AT TWO CRITICAL PUMP STATIONS.	2001	\$200,000
	O	C	2795	SHEEP CREEK WATER COMPANY	3610109	001	Construct new source	1999	\$10,521,466
	O	C	2568	Smith River C.S.D.	0810002	001	Repair stream bank.	1998	\$100,000
	O	C	2568	Smith River C.S.D.	0810002	002	Complete a mainline loop with approximately 1,100 feet of 8-inch pipe.	1999	\$70,000
	O	C	2500	MESA CREST WATER CO.	1910241	001	See attached recommendations.	1998	\$50,000
	O	C	2500	MESA CREST WATER CO.	1910241	002	Project involves: Design to solve problem and Construction See attached recommendations.	1998	\$50,000
	O	C	2500	Mountain Gate C.S.D.	4510002	001	Project involves: Design to solve problem and Construction Install filter vessel; Chlorinate at source pumps, and upgrade existing pump controls.	1998	\$1,750,000
	O	C	2500	Pine Valley Mutual WC	3710039	004	Drilling of 2 additional wells to replace the above mentioned.	1999	\$250,000
	O	C	2500	City of Portola	3210003	001	Replace deteriorated mainlines. Replace chlorination equipment. Install fire hydrants. Replace service laterals.	1999	\$774,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	2458	Clearlake Oaks County Water District	1710001	002	Install new 500,000 gal clearwell.	1998	\$500,000
	O	C	2408	CRESTVIEW MUTUAL WATER CO	5610058	001	Add secondary treatment of either ozone or biological filtration to remove TOC & color.	2000	\$600,000
	O	C	2300	Box Springs Mutual WC	3310004	002	Installation of biological denitrification system	1998	\$1,100,000
	O	C	2300	Aromas Water District	3510004	002	Drill a new well	2002	\$450,000
	O	C	2275	City of Wheatland	5810004	002	Install new PVC mains, 9300 feet total.	1998	\$500,000
	O	C	2250	LAKE DON PEDRO C S D	5510008	001	INSTALL TWO NEW FILTER VESSELS WITH SURFACE WASH FACILITIES.	2000	\$180,000
	O	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	003	Construct 2,500 LF of 12-inch water line to replace existing 6 inch CML steel water line.	1999	\$182,000
	O	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	004	Construct a 4,500 LF of 10-inch water line to replace existing 8-inch CI water line.	1999	\$297,000
	O	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	006	Construct 2,200 LF of 8-inch water lines to replace existing water lines.	2000	\$131,000
	O	C	2217	VENTURA CWWD NO. 19 - SOMIS	5610015	007	Construct 8,300 LF of 8-inch water line to replace existing water lines.	2001	\$493,000
	O	C	2200	Nice Mutual Water Company	1710008	001	To increase reliability, connect to Upper Lake CWD with 20,000 ft of 8 to 12 inch pipe and booster pump station.	1998	\$1,900,000
	O	C	2200	Nice Mutual Water Company	1710008	002	Purchase and install an electric generator set at the WTP site.	1998	\$80,000
	O	C	2200	Nice Mutual Water Company	1710008	003	Modify WTP piping to relocate pumps and motor controls above elevation 1332 ft.	1998	\$240,000
	O	C	2200	Nice Mutual Water Company	1710008	004	Design and construct an automatic filter effluent system and corrosion control system.	1998	\$100,000
	O	C	2200	FRAZIER PARK PUD	1510007	002	Develop and implement an infrastructure replacement plan.	2002	\$11,000,000
	O	C	2200	TERRACE WATER CO	3610048	001	Replace pipeline	2003	\$750,000
	O	C	2178	Coachella VWD: I.D. NO. 11	1310011	004	Replace distribution pipelines to prevent contamination caused by leaks or breaks in the pipelines.	2002	\$2,000,000
	O	C	2115	TUD-Tuolumne City	5510003	006	INSTALL PARTICLE COUNTERS	1999	\$18,000
	O	C	2075	City of Biggs	0410001	001	replace water mains including hydrants, and generator	2003	\$875,000
	O	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001	001	RELOCATE THE AIR VENTILATION SYSTEM AND CONSTRUCT A CONCRETE ENCASEMENT AROUND EXPOSED CONDUITS.	1998	\$163,000
	O	C	2025	Lower Lake County Water District	1710010	004	Replace clearwell with 100K steel tank with bolted and locked lids.	1999	\$70,000
	O	C	2025	Lower Lake County Water District	1710010	007	Cache Creek intake, microfiltration unit and recharge well.	2003	\$2,000,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	002	Additional new well.	1998	\$56,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	017	Plant improvements adding proportional chemical feed pumps and additional automation.	1998	\$40,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	011	Construct new tank at same site.	1998	\$17,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	008	Additional storage.	1998	\$0

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	2000	North Marin WD - Pt. Reyes	2110006	010	Replace Olema tank.	1998	\$80,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	018	Make modifications to chlorine feed system to make permanent.	1998	\$25,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	003	Design and construct transmission line to treatment facility from upstream well site.	1998	\$350,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	006	Study of storage needs	1998	\$10,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	001	Additional storage.	1998	\$300,000
	O	C	2000	Cabazon County WD	3310047	002	See attachment B	1998	\$1,800,000
	O	C	2000	BORON CSD	1510002	004	CONSTRUCT 1 MG STORAGE TANK FOR ADDITIONAL BLENDING CAPACITY	1999	\$410,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	005	Pipeline replacements.	1999	\$15,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	019	Balance system with an identical large filter and removing small.	1999	\$38,300
	O	C	2000	North Marin WD - Pt. Reyes	2110006	014	Develop a wellhead protection.	2000	\$10,000
	O	C	2000	STALLION SPRINGS CSD	1510025	001	PROJECT GROWTH AND FULL USE OF THE RESORT WILL REQUIRE ANOTHER 100-200 GPM AND A 1 MG TANK	2000	\$2,000,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	007	Improve Bear Valley pump station.	2000	\$55,000
	O	C	2000	BORON CSD	1510002	003	CHLORINATION FACILITY FOR TWO WELLS	2001	\$8,500
	O	C	2000	North Marin WD - Pt. Reyes	2110006	024	Alarms and redundancy could prevent future events. SCADA controls and additional backup pumps proposed.	2002	\$200,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006	009	Design and construct new storage facilities to replace redwood.	2002	\$350,000
	O	C	2000	BORON CSD	1510002	001	TREATMENT PLANT FOR ARSENIC	2002	\$660,000
	O	C	1975	City of Dunsmuir	4710002	002	Infiltration and inflow study, design repairs, construct storage	2003	\$1,500,000
	O	C	1917	Quincy Community S.D.	3210004	001	New well and spring transmission line replacement.	1998	\$1,500,000
	O	C	1917	Quincy Community S.D.	3210004	002	Install new water mains, valves, meters, hydrants	2002	\$1,300,000
	O	C	1905	Strathmore Public Util Dist	5410012	003	INSTALLA TRAVELING WATER SCREEN IN THE EXISTING CANAL STRUCTURE.	1998	\$110,000
	O	C	1900	Laton Community Services District	1010020	003	Install a standby generator on District's newest well.	2003	\$145,000
	O	C	1861	TUD - Ponderosa	5510002	005	TUD'S ACQUISITION OF THE WATER COMPANY VIA PURCHASE TO CONSOLIDATE IT WITH AN ADJACENT WATER SYSTEM.	1998	\$470,000
	O	C	1861	TUD - Ponderosa	5510002	003	UPGRADE THE PLANT, ADD ANOTHER CLARIFIER AND FILTER, AND INSTALL MONITORING EQUIPMENT.	1999	\$470,000
	O	C	1800	Cobb Area County Water District	1710012	001	Bring in contractor specializing in spring redevelopment.	1998	\$25,000
	O	C	1740	YUCAIPA VALLEY CWD ID-1	3610054	005	Replace reservoir	2001	\$2,452,500
	O	C	1736	SCWMD Mather-Sunrise	3410704	002	Replace service lines.	1998	\$250,000
	O	C	1736	SCWMD Mather-Sunrise	3410704	005	Rehabilitate treatment facility.	1998	\$300,000
	O	C	1736	SCWMD Mather-Sunrise	3410704	001	Install additional distribution main to provide adequate fire flow capacity to the northeast part of the service area.	1998	\$165,000
	O	C	1736	SCWMD Mather-Sunrise	3410704	003	Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	1700	Home Garden CSD	1610007	001	Remove rust and recoat tanks. Replace electric motor and pumps. OTHER - Design and Construction	1998	\$200,000
	O	C	1700	WARRING WATER SERVICE INC	5610021	002	Repair and upgrade the reservoir.	1998	\$100,000
	O	C	1700	WARRING WATER SERVICE INC	5610021	003	Purchase the Ventura County Water Works District's domestic delivery system in Warring Water Service area and consolidate the system	1998	\$300,000
	O	C	1670	Fieldbrook C.S.D.	1210020	001	Install a water main, pump station and storage tank.	1998	\$1,000,000
	O	C	1661	Lake Shastina Mutual W.C.	4710013	001	Install appropriate equipment at each groundwater source that would facilitate automatic chlorination when pumps come on line.	1998	\$45,000
	O	C	1660	Caruthers Comm Serv Dist	1010039	005	INSTALL STANDBY GENERATOR AT WELL 3 LOCATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$90,000
	O	C	1660	Caruthers Comm Serv Dist	1010039	001	INSTALL AUTOMATIC TRANSFER SWITCH TO STANDBY POWER AT WELL 4. INSTALL SAND SEPERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
	O	C	1660	Caruthers Comm Serv Dist	1010039	004	INSTALL WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	1600	Pratt Mutual Water Co	5410033	001	INSTALL WATER METERS. OTHER -DESIGN AND CONSTRUCTION	1998	\$180,000
	O	C	1600	McCloud C.S.D.	4710006	003	Construct building foundation improvements and seal Upper and Lower Elk Springs.	2004	\$120,000
	O	C	1566	CAL. CITIES - ROLLING HILLS/EDNA	4010023	001	Generator connections	1998	\$15,000
	O	C	1566	CAL. CITIES - ROLLING HILLS/EDNA	4010023	002	Automation and telemetry-Country Club and Edna Road Reservoirs.	1998	\$80,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004	002	Storage tank coating system repairs.	1998	\$115,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004	005	Automate facility high service pumping operation and emergency warning.	1998	\$75,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019	001	Rehabilitation of Wells #1 & 2.	1998	\$70,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004	009	Surface water source upgrades.	1998	\$35,000
	O	C	1500	RIO MANOR MUTUAL WATER CO	5610035	002	Facility replacements and improvements	1998	\$1,000,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035	005	Extend transmission line from 2090 Villa Heights Road to Crystal Lane.	1999	\$200,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035	003	Extend distribution line from 1900 Windover Road to 2090 Villa Heights.	1999	\$79,000
	O	C	1500	BELLFLOWER HOME GARDENS WC	1910012	002	Installation of 8 inch lines to the distribution system.	1999	\$335,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004	006	Design and construct two new storage tanks to replace the existing tanks.	1999	\$120,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035	004	Extend distribution line from 3127 Doyne Road to Kinneloa Mesa Road.	1999	\$50,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035	006	Extend distribution line from Larmona Drive to 1908 N. Kinneloa Canyon	1999	\$88,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004	003	Construct additional treated water storage capacity	1999	\$250,000
	O	C	1500	RIO MANOR MUTUAL WATER CO	5610035	001	Replace 4 inch diameter hydrants with 6 inch diameter. Install meters to reduce water usage.	1999	\$150,000
	O	C	1500	Bolinas Community PUD	2110005	001	Design and construction	2000	\$1,500,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	1500	Stinson Beach County Wtr Dist	2110004	008	Provide metal building cover over package plant treatment units.	2000	\$130,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019	002	Replace with new pipe.	2002	\$360,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019	003	Replace old well with new one.	2002	\$300,000
	O	C	1500	Esparto Community Services Dis	5710007	002	Drill wells, construct water tanks.	2003	\$950,000
	O	C	1476	Poplar Comm Service Dist	5410026	001	DRILL NEW WELL AND INSTALL DISTRIBUTION LINES. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
	O	C	1459	City of Montague	4710007	001	Construction of new 0.75 million gallon steel storage tank.	1998	\$250,000
	O	C	1411	Kettleman City CSD	1610009	004	SANDBLAST AND INSTALL INTERIOR COATING. OTHER - DESIGN AND CONSTRUCTION	1998	\$220,000
	O	C	1411	Kettleman City CSD	1610009	001	INSTALL UV DISINFECTION AND GAC FOR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
	O	C	1400	Garberville Water Co.	1210008	004	Install backup pump at the Eel River Infiltration Plant	2001	\$25,000
	O	C	1300	BASELINE GARDENS MWC	3610007	002	Purchase and install pressure tank and associated appurtenances to activate well 4	1998	\$100,000
	O	C	1300	BASELINE GARDENS MWC	3610007	001	Purchase and install meters	1998	\$300,000
	O	C	1300	BASELINE GARDENS MWC	3610007	003	Recoat tank	1998	\$100,000
	O	C	1300	CLOVERDALE MUTUAL WATER Co.	5610068	001	System facility replacements and improvements	1998	\$760,000
	O	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249	002	Remove the existing coating by sand blasting to a near white profile and recoat with a NSF approved epoxy paint.	1998	\$20,000
	O	C	1223	Redway C.S.D.	1210011	001	Increase storage capability by 270,000 gallons.	1998	\$350,000
	O	C	1200	Inverness Public Utility Dist	2110001	002	Purchase and install another microfiltration membrane package unit capable of producing an additional 50 gpm	1998	\$140,000
	O	C	1200	Inverness Public Utility Dist	2110001	001	Replace old finished water tanks.	1999	\$225,000
	O	C	1135	Laytonville County Water District	2310011	001	Construct a new well with a new pump.	2002	\$67,630
	O	C	1100	YERMO WATER CO	3610118	002	Upgrade the system, replace mainlines	2002	\$50,000
	O	C	1086	San Joaquin County-Raymus Village	3910014	001	DRILL NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	1070	City of Loyalton	4610001	001	Hire an engineer to evaluate problems.	1998	\$50,000
	O	C	1020	Hopland Public Utility District	2310010	002	Replace old distribution lines.	1998	\$1,000,000
	O	C	1020	Hopland Public Utility District	2310010	003	Add additional storage tanks and force main to reservation.	1999	\$3,000,000
	O	C	1016	SBDNO COUNTY SERVICE AREA W-1	3610060	001	Design and purchase a small package surface water treatment plant to utilize Morongo pipeline water allotment	2000	\$100,000
	O	C	1000	EVERYDALE MWC	1910023	001	Drill a replacement well.	1998	\$100,000
	O	C	1000	McKinney Water District	3110022	001	Replacement of all main lines.	1998	\$1,500,000
	O	C	1000	MALAGA COUNTY WATER DISTRICT	1010042	004	INSTALL NEW WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
	O	C	1000	Midway Heights C. W. D.	3110041	001	District would install/construct a package treatment plant which would lower costs and provide a high quality supply to meet present and future needs.	1999	\$200,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	1000	MALAGA COUNTY WATER DISTRICT	1010042	003	INSTALL SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
	O	C	1000	MALAGA COUNTY WATER DISTRICT	1010042	002	NEW WATER SUPPLY WELL EAST OF THE COMMUNITY. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
	O	C	1000	Penngrove Water Company	4910003	002	Consolidate to Canon Manor system	2003	\$1,200,000
	O	C	990	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075	008	REPLACE 3000 FT OF 4" DISCHARGE MAIN.	2001	\$340,000
	O	C	950	Sonoma County CSA 41-Fitch Mountain	4910010	001	Install 30,000 gal tank on an easement near the top of the mountain. Install a higher head pump at the booster station and extend the water line up to the new tank.	1998	\$60,000
	O	C	945	Forest Lakes MWC	4410016	001	drill new well, replace aging system, install meters throughout system	2002	\$500,000
	O	C	931	DEL REY COMMUNITY SERV DIST	1010035	002	REFINANCE EXISTING LOANS.	1998	\$2,911,500
	O	C	920	Nevada ID - Cascade Shores	2910007	002	Replace the redwood tank with a welded steel tank.	1998	\$95,000
	O	C	920	Nevada ID - Cascade Shores	2910007	003	Replace the redwood tank with a welded steel tank.	1998	\$110,000
	O	C	910	METROPOLITAN WATER COMPANY	1000057	002	DRILL THE EXISTING WELL DEEPER	1998	\$25,000
	O	C	896	LINNELL FARM LABOR CENTER	5400631	001	Installation of new 10,000 gal. Pressure tank	1998	\$50,000
	O	C	860	San Joaquin River Club Inc	3910018	001	TAKE SURFACE WATER FROM SAN JOAQUIN RIVER AND TREAT WITH SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	1999	\$750,000
	O	C	842	Placer CWA - Alta	3110024	001	Construct 500,000 gallon storage tank.	1999	\$600,000
	O	C	840	Hillsview Homes	5010007	001	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE AND PIPE IT TO WESTLEY.	1998	\$1,300,000
	O	C	840	Hillsview Homes	5010007	002	Install RO unit to remove TDS, install 500,000 gallon storage tank with booster pumps and auxilliary generator	2001	\$1,285,000
	O	C	840	Oak Springs Vly WC (CSA 70G)	3600186	003	Construct treatment plant to treat water from the aqueduct	2002	\$10,500,000
	O	C	840	Hillsview Homes	5010007	003	Install reverse osmosis treatment with 0.5 million gallon storage tank and boosters to supply existing system. Also purchase and install backup power generator.	2003	\$1,300,000
	O	C	835	City of Etna	4710004	001	Replace lines; increase storage; and improve intake facilities.	1998	\$200,000
	O	C	832	Lake County CSA 2 - Spring Valley	1710018	001	Improvements to intake gallery & creek banks. Possibly construct new intake gallery or extend existing one.	1998	\$200,000
	O	C	820	Cuyama Community Services District	4210009	003	New water lines need to be put in to replace the old lines.	2002	\$2,000,000
	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	007	Creation of a two zone system	1998	\$157,802
	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	006	Replacement of line.	1998	\$68,655
	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	004	Replace ancors, cable and pipeline.	1998	\$199,836

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	002	Add a reservoir	1998	\$142,393
	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	008	Purchase this privately owned parcel.	1998	\$120,000
	O	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	003	Renovate horizontal well	1998	\$46,000
	O	C	795	Nevada ID - Snow Mountain	2910027	002	Replace with standard water main materials. Involves design and construction.	1998	\$440,000
	O	C	795	Dagget Comm Svcs Dist	3600086	001	Construct transmission line	1998	\$200,000
	O	C	770	Squaw Valley Public Service District	3110020	001	Develop a new water source. Involves design and construction.	1998	\$300,000
	O	C	770	Squaw Valley Public Service District	3110020	002	The District's objective is to proceed with the design and construction of a 3 MGD water treatment plant for iron and manganese removal should acceptable water quality not to be found.	1999	\$1,000,000
	O	C	770	Squaw Valley Public Service District	3110020	005	The project would include abandoning well 4R and drilling a new well, 4RII with a 50' sanitary seal and an engineered gravel pack to ensure adequate water quality and quantity to meet system demands (see attached report)	2003	\$1,015,000
	O	C	770	Squaw Valley Public Service District	3110020	006	Replace below grade well #1 with a well that meets current stadards (i.e. sanitary seal, above ground installation)	2004	\$500,000
	O	C	750	SAN MIGUELITO MWC	4010003	007	Replace single pump with a standard dual pump, alternating boost station.	1998	\$30,000
	O	C	750	SAN MIGUELITO MWC	4010003	004	Research feasibility of local groundwater basin (hot well) to store excess treated water.	1998	\$10,000
	O	C	750	SAN MIGUELITO MWC	4010003	001	Replace steel floor, construct new tank roof install new tank appurtenances, sandblast and paint tank then install cathodic protection system.	1998	\$65,000
	O	C	750	SAN MIGUELITO MWC	4010003	002	Replace corroded steel and tank floors if necessary, sandblast and paint tanks then install cathodic protection system for all tanks.	1998	\$100,000
	O	C	750	SAN MIGUELITO MWC	4010003	003	Test existing Hot Well and East Harford wells for treatability and production.	1999	\$15,000
	O	C	750	SAN MIGUELITO MWC	4010003	009	Install an eight inch loop connection to add redundancy to the system, enabling repairs without shutting down service to the entire system	1999	\$30,000
	O	C	750	SAN MIGUELITO MWC	4010003	006	Purchase a mobile standby power unit and install compatible receptackles for wells, boost stations and treatment plant.	1999	\$75,000
	O	C	725	WOODVILLE FARM LABOR CAMP	5400792	001	installation of new 10,000 gal. Pressure tank	1998	\$35,000
	O	C	700	CSA 42 Oro Grande	3600220	002	Enhance abality to operate and montior unattended sites throughout water distribution system.	2000	\$25,000
	O	C	690	YERBA BUENA WATER COMPANY	5610006	001	Construct a backup well with 50 HP turbine pump, 250,000 gallon additional steel tank, 3000 feet of new 8 inch water main line	2000	\$300,000
	O	C	673	YUIMA MUTUAL WATER DISTRICT IDA	3700938	003	Convert eight sites to alternate disinfection systems.	1998	\$246,000
	O	C	667	San Joaquin County - Wilkinson Manor	3910024	002	IMPROVE DISTRIBUTION, CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH SEVERAL NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905	004	Drain and clean storage tank and sump; inspect sump tank and repair as needed.	1999	\$35,000
	O	C	650	PINE HILLS MUTUTAL WATER COMPANY	3700905	003	Implement a SCADA system (Supervisory Control and Data Acquisition System)	1999	\$75,000
	O	C	638	Town of Fort Jones	4710003	001	Evaluate system to determine overall condition and to identify remedial and maintenance actions needed to minimize water supply disruptions and/or existing system losses. Evaluate appropriate storage volume for system and construct additional tank storage	2003	\$75,000
	O	C	637	CUCC - WALNUT GROVE	3410047	001	Grand Avenue main replacement. Involves design and construction.	1998	\$120,000
	O	C	620	HILLVIEW WATER CO-GOLDSIDE-HIL	2010014	001	FILTRATION OF FOUR WELLS AND INTERCONNECTION OF THIS SYSTEM TO THE OAKHURST-SIERRA LAKES SYSTEM WHICH IS ABOUT 3 MILES AWAY.	1999	\$800,000
	O	C	600	San Francisco Regional Water System	3810001	030	INSTALL TWO CONTROL VALVES ON EACH PIPELINE AT THE PULGAS VALVE LOT. INSTALL A BYPASS AROUND INDIVIDUAL VALVES TO REGULATE LOW FLOWS.	1998	\$775,000
	O	C	600	San Francisco Regional Water System	3810001	047	exercise approximately 10 percent of the 15,500 gate valves each each year; determine if a particular valve needs to be repaired or replaced.	1998	\$15,000,000
	O	C	600	San Francisco Regional Water System	3810001	034	Renew all old, obsolete and inadequate services in the city.	1998	\$34,760,000
	O	C	600	San Francisco Regional Water System	3810001	027	PROVIDE REDUNDANT CONNECTION OF PALO ALTO PIPELINE, INCLUDING REDWOOD CITY SERVICE TO BAY DIVISION PIPELINES #1 AND #2.	1998	\$334,000
	O	C	600	San Francisco Regional Water System	3810001	018	CONSTRUCT AN ENTIRE NEW INFRASTRUCTURE OF 8", 12", AND 16" DUCTILE IRON MAINS IN A PHASED PROGRAM CONSISTENT WITH PROPOSED DEVELOPMENT.	1998	\$15,000,000
	O	C	600	San Francisco Regional Water System	3810001	045	Replace the plastic water mains with ductile iron piping. Reconfigure some of the existing network of water mains to compartmentalize the Treasure Island system.	1998	\$35,000,000
	O	C	600	San Francisco Regional Water System	3810001	023	REPAIR AND REPLACE EXISTING DOORS, TUNNEL AND ACCESS ROADS.	1998	\$9,980,000
	O	C	600	San Francisco Regional Water System	3810001	057	Replace 2 out of 12 tanks at Sunol Valley Water Treatment Plant and HTWTP; Provide standby electric power at disinfection monitoring stations. Provide a deep well water quality monitoring stations at Thomas Shaft.	1998	\$12,800,000
	O	C	600	San Francisco Regional Water System	3810001	026	DETERMINE NEED FOR MODIFICATIONS TO THE INLET/OUTLET PIPING TO ASSURE ADEQUATE MIXING TO ALLEVIATE WATER QUALITY PROBLEMS AND TO ENHANCE OPERATION AT EACH RESERVOIR.	1998	\$10,000,000
	O	C	600	San Francisco Regional Water System	3810001	039	Develop master plan. Design of SCADA system covering the high priority remote site identified in the master plan.	1998	\$26,046,275
	O	C	600	San Francisco Regional Water System	3810001	007	Replace BDPL # 1 with new welded steel pipe from Irvington Portal to Pulgas Portal.	1998	225,000,000
	O	C	600	San Francisco Regional Water System	3810001	066	Obtain property for the new reservoir; Construct new 500,000 gallon reservoir including all necessary connection piping and ancillary facilities.	1998	\$4,060,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	076	Sanitary Survey	1998	\$110,000
	O	C	600	San Francisco Regional Water System	3810001	008	Build a fifth pipeline in existing city right of way from Irvington Portal to Pulgas Tunnel. Perform study of pipeline route.	1998	195,000,000
	O	C	600	San Francisco Regional Water System	3810001	016	RELOCATE PUMP STATION INCLUDING REPLACEMENT OF NECESSARY PUMP, STANDBY POWER AND PIPING. FIND A NEW LOCATION FOR PUMP.	1998	\$2,500,000
	O	C	600	AVILA BEACH COMM WATER DIST	4000222	001	Design and construct water tank repairs	1998	\$120,000
	O	C	600	San Francisco Regional Water System	3810001	071	Conduct an assessment of the watershed (that is annual sanitary surveys, GIS database, monitoring programs).	1998	\$500,000
	O	C	600	San Francisco Regional Water System	3810001	035	Survey and recommend which pumps, motors and starters that can be used in more than one location. Replace identified trols, and valves that allow hydro-pneumatic pump stations.	1998	\$968,000
	O	C	600	San Francisco Regional Water System	3810001	015	Study capacity increase, existin piping and valving arrangement which is aging and poses certain operational difficulties.	1998	\$32,000,000
	O	C	600	San Francisco Regional Water System	3810001	070	Conduct watershed assessment.	1998	\$250,000
	O	C	600	San Francisco Regional Water System	3810001	009	Upgrade four Bay Division pipelines at Hayward fault, so that they can withstand an earthquake of Richter magnitude 7 or greater.	1998	\$67,050,000
	O	C	600	San Francisco Regional Water System	3810001	022	INVESTIGATE EXISTING SYSTEM AND DEVELOP LISTING OF MOST VIABLE CANDIDATES FOR MORTAR LINING. REPLACE, REPAIR, AND RELINE OF THE MORTAR AND FEEDER MAINS.	1998	\$540,000
	O	C	600	San Francisco Regional Water System	3810001	075	Watershed management	1998	\$1,465,750
	O	C	600	San Francisco Regional Water System	3810001	005	Remove existing deteriorated coal tar/mortar coating and apply new protective coating. Repair leaky expansion joints.	1998	\$350,000
	O	C	600	San Francisco Regional Water System	3810001	068	1). Westside basin groundwater mgmt; 2). Lake Merced lake level mgmt; 3). Salt water intrusion monitoring; 4). GG Park and zoo well installation and development; 5). West Basin water supply 6). Lobos Basin invest.	1998	\$18,000,000
	O	C	600	San Francisco Regional Water System	3810001	029	REVIEW AND DESIGN PRESSURE CARRYING CAPACITY.	1998	\$28,700
	O	C	600	San Francisco Regional Water System	3810001	072	A watershed management plan will be developed.	1998	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001	050	Thoroughly analyze the performance of the plant to identify unit processes which limits the plant's capability for extended periods of time.	1998	\$27,000,000
	O	C	600	San Francisco Regional Water System	3810001	054		1998	\$775,000
	O	C	600	San Francisco Regional Water System	3810001	004	Provide cleaning of exposed reinforcing steel and patching of concrete where needed.	1998	\$1,368,000
	O	C	600	AVILA BEACH COMM WATER DIST	4000222	002	Design and construction of water line replacement	1998	\$240,000
	O	C	600	San Francisco Regional Water System	3810001	077	Sanitary Survey	1999	\$110,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	083	Add 3 variable frequency drives for each 125 HP decant pumps at SVWTP. Install Programmable Logic Controller to sequence pumps relative to flow of water from decant lagoon to decant pump. Convert existing manually operated valve to motor valve.	2000	\$574,000
	O	C	600	San Francisco Regional Water System	3810001	082	Construct about 4500 LF of 84 inch steel pipeline adjacent to existing prestressed pipeline. Addition of this line will allow WD additional operational flexibility.	2000	\$4,025,000
	O	C	600	San Francisco Regional Water System	3810001	099	Replace those pipes that are in corroded condition.	2000	\$1,551,846
	O	C	600	San Francisco Regional Water System	3810001	100	Develop a facilities master plan to implement new water supplies in the SFPUC delivery system, and to integrate the facilities plan with ongoing SFPUC capital planning efforts.	2000	\$1,500,000
	O	C	600	San Francisco Regional Water System	3810001	081	The problem is in the process of being analyzed and remedial measures will be taken to reduce the risk of damage from slope failure thereby protecting the pipeline from damage.	2000	\$460,000
	O	C	600	San Francisco Regional Water System	3810001	101	Conduct a study to define criteria for chemical types, doses, methods of addition and site selection. Construction drawings and specifications will be developed from these recommendations. The facility will then be built according to these drawings	2000	\$1,000,000
	O	C	600	San Francisco Regional Water System	3810001	092	Provide for a study of all in-city reservoirs to determine the need for modifications to the inlet/outlet piping.	2000	\$2,859,000
	O	C	600	San Francisco Regional Water System	3810001	079	Replace manual valves with automated/motorized valves	2000	\$3,780,000
	O	C	600	San Francisco Regional Water System	3810001	078	Preparation of standard procedures, planning, design, and installation of cathodic protection system to minimize or eliminate corrosion.	2000	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001	095	Address the need to design and construct water quality improvements will allow for the unimpeded operation of Moccasin Reservoir as a balancing forebay for the Foothill Tunnel. Detail design for Cherry Rock Trap Cleaning.	2000	\$2,293,939
	O	C	600	San Francisco Regional Water System	3810001	080	Connect the Palo Alto Pipeline, including the Redwood City Service, to Bay Division Pipelines Nos. 1 and 2 west of valves A60 and B 60.	2000	\$641,501
	O	C	600	San Francisco Regional Water System	3810001	089	Provide the necessary facilities to support the SCADA project by adding telemetry to the pump station which will be tied into the Lake Merced Pump Station. Construct a pump station to provide adequate supply to each of the In-City Reservoirs.	2000	\$12,775,000
	O	C	600	San Francisco Regional Water System	3810001	090	Outer reaches of Sunset zone can be eliminated, a freeboard of 10-25 feet at the Sunset Reservoir could be utilized to improve water circulation and reduce the accumulation of THM'S.	2000	\$4,250,000
	O	C	600	San Francisco Regional Water System	3810001	085	Upgrades covered in this project are: roof repair, expansion joint replacement, painting coating paving, and tank replacement. This project will lead to improvements in water quality operations and emergency operation benefits.	2000	\$47,977,000
	O	C	600	San Francisco Regional Water System	3810001	109	Provide Baden Pump Station with standby power, seismic retrofit, fire protection and security access.	2000	\$7,995,000
	O	C	600	San Francisco Regional Water System	3810001	087	Develop the in-house capability to analyze the transmission and distribution flows throughout the system.	2000	\$640,000

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E	O	C	600	San Francisco Regional Water System	3810001	086	This project involves conceptual engineering hydraulic modeling, physical modeling, detail design and construction.	2000	\$14,230,000
	O	C	600	San Francisco Regional Water System	3810001	096	Upgrade the Calaveras Potassium Permanganate facility which is upstream of the SVWTP.	2000	\$2,069,000
	O	C	600	San Francisco Regional Water System	3810001	094	Conduct chemical studies and recommend capital improvements.	2000	\$914,375
	O	C	600	San Francisco Regional Water System	3810001	091	A new pump station will meet the CDD's standards for reliability and efficiency. The station will be equipped with back-up pumps, emergency power and SCADA compatability.	2000	\$6,830,000
	O	C	600	San Francisco Regional Water System	3810001	110	Install small propane generators and upgrade UPS for backup at baden Pump Station. East Portal and Casey Quarry.	2000	\$350,000
	O	C	600	San Francisco Regional Water System	3810001	088	Modify the piping and valving at the San Antonio Pump to further increase the flexibility of operations and maintenance.	2000	\$1,114,000
	O	C	600	San Francisco Regional Water System	3810001	102	The facility will be constructed according to the construction documents.	2000	\$650,000
	O	C	600	San Francisco Regional Water System	3810001	103	Study the drainage and erosion issues. Develop baseline information and recommend permanent low maintenance solutions which include: tree removal retaining walls, erosion control mesh, the installation of a hillside drainage system and reconfigur.	2000	\$9,360,000
	O	C	600	San Francisco Regional Water System	3810001	104	Will address obvious seismic hazards at San Antonio Pump Station. Improvements will include suspended tanks and duct work, retrofit of pump switchgear, generator and compressor anchorages and installation of flexible couplings.	2000	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001	105	Replace or repair the deteriorated trestles.	2000	\$125,733
	O	C	600	San Francisco Regional Water System	3810001	106	Replace R60 at San Pedro Valve Lot.	2000	\$850,000
	O	C	600	San Francisco Regional Water System	3810001	107	Provide chlorine monitoring of the Hetch Hetchy aqueduct supply in the Coast Range Tunnel, storage and transmit the monitoring data to appropriate Water Supply and Treatment facilities.	2000	\$222,000
	O	C	600	San Francisco Regional Water System	3810001	108	Install two throttling stations on Pipeline #2 downstream from Oakdale Portal.	2000	\$1,973,000
	O	C	600	San Francisco Regional Water System	3810001	098	Repair and replace the existing transmission main lines and bypass valves.	2000	\$715,000
	O	C	600	San Francisco Regional Water System	3810001	097	Provide a concrete lining in sections of the canal to eliminate turbidity and the potential contamination of the Mocassin Reservoir. In addition, concrete repairs will be made to the Mocassin Powerhouse where erosion has occurred.	2000	\$1,160,000
	O	C	600	San Francisco Regional Water System	3810001	084	Develop a testing plan for the evaluation of various operational plans.	2000	\$1,070,000
	O	C	600	San Francisco Regional Water System	3810001	093	Construct, replace or extend feeder mains/distribution mains.	2000	100,000,000
	O	C	600	San Francisco Regional Water System	3810001	134	Bay Division pipeline improvements.	2001	\$20,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	151	Pipeline repair emergency response plan for seismic events.	2002	\$150,000
	O	C	600	San Francisco Regional Water System	3810001	127	Seismic upgrades, and the replacement of approximately 275 feet each of existing pipelines. Install shutoff and bypass valves at both ends of the fault zone.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	132	Lake Merced emergency treatment study.	2002	\$154,500
	O	C	600	San Francisco Regional Water System	3810001	169	Study of alternative disinfectants to meet new regulations.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	140	Construct hydraulic model of the city system to manage supply and quality.	2002	\$1,092,701
	O	C	600	San Francisco Regional Water System	3810001	142	Improvements to Pulgas Reservoir to maintain water quality.	2002	\$1,037,655
	O	C	600	San Francisco Regional Water System	3810001	149	Develop and construct a "backbone" pipeline system for reliability.	2002	\$1,015,000
	O	C	600	San Francisco Regional Water System	3810001	144	Replace control system for Pulgas Pump Station.	2002	\$150,000
	O	C	600	San Francisco Regional Water System	3810001	145	Increase hydraulic capacity of raw water facilitied for Harry Tracy WTP for system reliability.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	155	Harry Tracy WTP filter control improvements.	2002	\$10,365,571
	O	C	600	San Francisco Regional Water System	3810001	137	Construct a new paralell San Joaquin pipeline. Will also include development and evaluation of alternative projects, field investigations. Etc...	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	135	Seismically strengthen the reservoirs, also water quality improvements (sampling and disinfection), erosion control, drainage concrete repair venting and liners or coatings and cleanup of the reservoir beds.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	146	Sample Station for Thomas Shaft for process control.	2002	\$955,000
	O	C	600	San Francisco Regional Water System	3810001	163	Rehabilitate Lake Merced pump station.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	159	Replace mains between Stanford Heights and Twin Peaks.	2002	\$3,654,530
	O	C	600	San Francisco Regional Water System	3810001	154	Pipeline rehabilitate Mountain Tunnel	2003	\$2,060,000
	O	C	600	San Francisco Regional Water System	3810001	166	Replace Richmond District supply main.	2003	\$3,129,061
	O	C	600	San Francisco Regional Water System	3810001	167	New cross town transmission pipeline for the CCSF.	2003	\$14,422,987
	O	C	600	San Francisco Regional Water System	3810001	152	Automate Transmission system control valves.	2003	\$937,480
	O	C	600	San Francisco Regional Water System	3810001	129	Development of an emergency response plan for major seismic events.	2003	\$3,607,574
	O	C	600	San Francisco Regional Water System	3810001	131	Construct four cross connections to bypass the pipe sections most likely to fail in an earthquake.	2003	\$10,481,958

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	164	Extend the Noe Valley pipeline to serve low pressure zones.	2003	\$7,837,740
	O	C	600	San Francisco Regional Water System	3810001	147	Study the feasibility of raising the Hetch Hetchy gradeline.	2003	\$103,000
	O	C	600	San Francisco Regional Water System	3810001	156	Rehabilitate Sunset North Reservoir.	2003	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	168	Redundant transmission pipeline for the Sunset Zone into CCSF	2003	\$9,887,876
	O	C	600	San Francisco Regional Water System	3810001	148	Rehabilitate Merced Manor Reservoir.	2003	\$5,791,775
	O	C	600	San Francisco Regional Water System	3810001	138	Inspect and evaluate water system infrastructure and compile recommendations for repair.	2003	\$309,000
	O	C	600	San Francisco Regional Water System	3810001	161	Rehabilitate/replace outdated pump station controls.	2003	\$318,331
	O	C	600	San Francisco Regional Water System	3810001	141	quality regulations, current and future service needs, operational flexibility and emergency response to determine the recommended plant capacity and identify the specific capital improvements. Improvements include ozone treatment, and capacity upgrades;	2003	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	143	To develop a program enabling the best utilization of water from the Harry Tracy WTP. In particular, this program will address the possibilities of Hetchy and Sunol source outages or insufficient supply requiring backfeed of peninsula water to the south	2003	\$515,000
	O	C	600	San Francisco Regional Water System	3810001	128	Repair/rehabilitate Foothill Tunnel.	2004	\$2,185,454
	O	C	600	San Francisco Regional Water System	3810001	158	Seismic upgrade work and other structural and general rehabilitation at the South basin of the Sunset Reservoir	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	130	Design and construction of a new reservoir to serve the northeastern part of the city.	2004	\$913,341
	O	C	600	San Francisco Regional Water System	3810001	160	Rehabilitate Sunset South Reservoir.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	157	Expand Sunol WTP capacity with new processes.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	150	Replace Crystal Springs #2 pipeline.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	133	Add new parallel pipeline from the Crystal Springs Bypass Tunnel in the south to the Crystal Springs Road in the north,	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	136	Construct a second Crystal Springs (Pulgas) Balancing Reservoir for reliability.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	153	Harry Tracy WTP improvements.	2005	\$8,841,000
	O	C	600	San Francisco Regional Water System	3810001	162	Construction of a new treated water storage reservoir (Balboa).	2005	\$20,000,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	139	Enhance system reliability in the event of disruption to Hetch Hetchy and Sunol Water supplies. The project requires analysis of the Capuchino valve lot to identify necessary improvements for backfeed capability of up to 80 mgd. Project also includes se	2005	\$1,345,339
	O	C	600	San Francisco Regional Water System	3810001	165	Extend the San Andreas Pipeline to the Sunset Reservoir.	2005	\$20,000,000
	O	C	574	Gasquet C.S.D.	0800555	004	Purchase a 150 GPM trailer-mounted pump with chlorination facilities and prepare river access for use of alternative source.	1998	\$24,000
	O	C	574	Gasquet C.S.D.	0800555	003	Study to determine feasibility of developing wells to supply ground water versus the present use of river water.	1998	\$7,000
	O	C	550	EDMUNDSON ACRES WATER SYSTEM	1500190	001	DRILL A NEW WELL. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$300,000
	O	C	550	ARROWBEAR PARK CWD	3610110	003	Tank recoating	2001	\$19,500
	O	C	550	ARROWBEAR PARK CWD	3610110	004	Install fencing around storage tanks	2001	\$6,800
	O	C	525	TOKAY PARK WATER CO	3400172	002	Replace pipes and valves.	2002	\$950,000
	O	C	525	TOKAY PARK WATER CO	3400172	001	replace pipelines	2002	\$450,000
	O	C	505	NORTH EDWARDS WD	1510052	001	REPLACE OF EXISTING METERS, AND UPGRADE WELLS 1 AND 2 FACILITIES AND FOUNDATION.	1998	\$75,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	002	Engineer planning, design, and construction for replacement of 8 miles of pipe.	1998	\$37,900
	O	C	500	Big Rock C.S.D.	0800532	001	Conduct a systems analysis to determine loss locations. Repair and reconstruct problem areas.	1998	\$135,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	003	Engineering planning for project	1998	\$14,900
	O	C	500	Resort Imprvmt. Dist. #1	1210022	007	A "Cumulative Impact Study" for Telegraph Creek drainage.	1998	\$50,000
	O	C	500	Sonoma County Water Agency	4910020	003	Install early warning systems in three locations to detect contamination before water is delivered to Agency customers.	1998	\$1,615,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	008	Construct new tank.	1999	\$137,200
	O	C	500	Resort Imprvmt. Dist. #1	1210022	010	Engineering design and construction of pipe line.	1999	\$2,841,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	004	Upgrade existing intake facility.	1999	\$195,000
	O	C	500	CIRCLE OAKS CO WATER DISTRICT	2800521	002	Storage Tank & Pump Station	2001	\$400,000
	O	C	500	LAKEVIEW HILLS COMMUNITY ASSOCIATION	3103835	001	Replace water line infrastructure to 150 residents.	2002	\$3,000,000
	O	C	499	SAN SIMEON ACRES	4000568	001	Additional wells and Desal Plant	1998	\$1,000,000
	O	C	490	Pine Mountain Mutual Water Co.	2300591	003	Hire engineer to conduct studies and surveys.	1998	\$14,000
	O	C	490	Pine Mountain Mutual Water Co.	2300591	002	Install approved filter and monitoring systems for these water sources.	1998	\$28,000
	O	C	452	MT CHARLIE WATER WORKS INC	4400617	001	Replace existing tanks with one new, optimally located tank of adequate capacity	2002	\$250,000
	O	C	450	WASHINGTON WATER DISTRICT	2900523	001	This flume runs adjacent to the South Yuba River. The flume needs complete replacement.	1998	\$150,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	450	TRADEWIND WATER ASSOC.	1500406	001	Hire certified agent to sandblast and coat old tank. Need to install additional Air Vacuum Valves to remove existing problem.	1998	\$50,000
	O	C	450	COUNTY SERVICE AREA 11	4100582	001	Consolidate with another system. (Pescadero High School)	1998	\$50,000
	O	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195	001	Install chlorinator and emergency generator to provide the reliability required by the Waterworks Standards.	1998	\$2,400
	O	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195	002	Dig and complete new reservoir and enclose in storage house.	2001	\$42,000
	O	C	431	SKYLONDA MUTUAL	4100533	004	Install and increase aeration facility in raw water storage basin to decrease summer algae bloom.	2001	\$2,000
	O	C	431	SKYLONDA MUTUAL	4100533	003	Purchase and install emergency generator.	2001	\$5,000
	O	C	431	SKYLONDA MUTUAL	4100533	006	Repair slippage along Highway 84 that runs along the side of the storage basin and improve the raw water storage site.	2001	\$12,000
	O	C	431	SKYLONDA MUTUAL	4100533	005	Install replacement 3hp raw water pump and controller unit.	2001	\$2,300
	O	C	431	SKYLONDA MUTUAL	4100533	001	Addition of charcoal filter to control taste and odor problems.	2001	\$15,000
	O	C	430	Weott C.S.D.	1200553	006	Purchase and install water meters at Sources A and B.	1998	\$5,000
	O	C	430	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290	001	ACQUIRE PROPERTY, DRILL NEW WELL AND CONNECT TO SYSTEM	1998	\$100,000
	O	C	430	Weott C.S.D.	1200553	003	Install additional 50,000 gallon tank at the A-Tank site.	1998	\$72,800
	O	C	430	Weott C.S.D.	1200553	004	Remove old steel lines and replace approximately six miles of water transmission lines.	1998	\$110,000
	O	C	430	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290	002	UPGRADE OTHER SYSTEM, PAY OF DEBT AND DISSOLVE OTHER CSD	1999	\$250,000
	O	C	430	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290	003	CONSTRUCT TREATMENT FOR ARSENIC. OTHER- DESIGN AND CONSTRUCTION	2000	\$500,000
	O	C	427	OID-OAKDALE RURAL WATER SYSTEM #1	5000433	001	INSTALL ELECTRICAL GENERATOR. INSTALL PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	C	417	Myers Flat M.W.S. Inc.	1200538	002	Develop unused spring source to prevent surface water influence and tie into system.	1998	\$13,490
	O	C	400	LSID - Tonyville	5410007	001	RADIO SPREAD SPECTRUM TELEMETRY AND CONTROL. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
	O	C	400	Clear Creek CSD-Westwood	1800512	004	Improve clear creek spring source structure.	2002	\$20,000
	O	C	400	Valhalla Mobile Home Park	5710008	001	Install manganese filters	2003	\$50,000
	O	C	380	Alpine Springs County Water District	3110029	001	Replace the redwood tank with a steel tank. Involves design and construction.	2001	\$500,000
	O	C	371	EASTON ESTATES WATER COMPANY	1000018	001	WELL NEEDS TO BE REDEVELOPED & BOWLS, BEARINGS AND SHAFT NEED RESTORATION	1998	\$30,000
	O	C	360	Sierra Brooks PSD	4600009	002	Provide additional source capacity and distribution improvements	2001	\$1,800,000
	O	C	360	Sierra Brooks PSD	4600009	003	Construct one new tank, one new well, pressure stations and replacement lines (see attached).	2003	\$1,500,000
	O	C	350	LEISURE LAKE MOBILE HOME PARK	1910066	001	Line or replace existing transmission lines, and install electric panel for well #2.	1998	\$100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	350	IVCSD - Crescent Mills	3200510	002	Hydrants, plant improvements	2001	\$125,680
	O	C	340	ARBOR MOBILE HOME PARK	3900831	002	BUILD 80,000 GALLON STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	1998	\$100,000
	O	C	300	GREEN ACRES MOBILE HOME ESTATE	1000229	001	CONSTRUCT A NEW WELL OR CONNECT TO THE CITY OF FRESNO.	1998	\$15,000
	O	C	300	Northstar C.S.D.	3110028	001	Develop groundwater storage. Involves study, design and construction.	1998	\$250,000
	O	C	300	Sierraville P.U.D.	4600018	002	Hire an engineer to completely evaluate the system, make a work order sheet, and do it.	1998	\$50,000
	O	C	300	Owens Valley Water Co.	1400005	002	Construct new chain link fence to protect water system facilities from vandalism	2001	\$10,000
	O	C	300	Owens Valley Water Co.	1400005	003	Install sand separator	2001	\$10,000
	O	C	288	ENOS LANE PUBLIC UTILITY DISTRICT	1500544	001	LOOP THE SYSTEM	1998	\$500,000
	O	C	288	Siskiyou Co. Rolling Hills MWC	4700528	001	Replace old steel pipeline to tanks and install meters at service connections.	1998	\$273,350
	O	C	287	OID #51-SUNSET OAKS #10	5000317	001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$40,000
	O	C	280	PEPPERMINT CREEK MHP #15	5500116	001	THE ABOVE ITEMS NEED TO BE INSTALLED TO IMPROVE THE PERFORMANCE AND RELIABILITY OF THE TREATMENT PLANT TO INSURE COMPLIANCE WITH THE SWTR.	1998	\$32,000
	O	C	275	Lucerne Valley MWC	3600156	001	Construct mainline	1999	\$150,000
	O	C	275	Lucerne Valley MWC	3600156	002	Purchase and install backup power generator	2001	\$20,000
	O	C	273	PEDRAZZI MWC	2701364	002	New Storage tank	2001	\$60,000
	O	C	269	OID #46 - SUNSET OAKS	5000014	001	INSTALL ELECTRICAL GENERATOR AND NEW PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	C	269	OID #46 - SUNSET OAKS	5000014	002	INSTALL BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION	1999	\$40,000
	O	C	268	Rabb Park Community Ser. Dist.	0310015	001	INSTALL NEW PIPELINES, HYDRANTS AND FLOW METERS. OTHER = DESIGN AND CONSTRUCTION	1998	\$0
	O	C	268	Rabb Park Community Ser. Dist.	0310015	003	INSTALL METERS	1998	\$14,100
	O	C	261	LOS TULES MUTUAL WATER CO	3700958	001	Would like to be on list	1998	\$0
	O	C	260	Fiddletown Community Service	0300019	001	REPAIR OR REPLACE TANK	1998	\$40,000
	O	C	256	BERRENDA MESA WATER DISTRICT, DOM SYSTEM	1503145	001	Pipeline replacement. Installation of rechlorination station.	2000	\$375,000
	O	C	255	Wildwood Mutual Water Company	5100109	001	Replace old lines when needed.	2000	\$100,000
	O	C	255	Black Butte Water Co.	1100404	001	Drill an additional well and install related support equipment.	2002	\$55,000
	O	C	250	WALNUT GROVE HOMEOWNERS	3400106	001	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	O	C	250	WALNUT GROVE HOMEOWNERS	3400106	002	Construct 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$250,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	250	SANTOS RANCH PWS #5-CSA #35	3901216	001	CONNECT TO CITY OF TRACY WATER AND BLEND. (APPEARS TO BE INTERCONNECTION, NOT CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
	O	C	250	SAINT MARIE MOBILE HOME PARK	4200842	001	Replace storage tank and install new piping, pump station and fire hydrants.	1998	\$250,000
	O	C	250	RANCHO SAN ANDREAS	4400660	001	Purchase and install new well pump and motor in existing well	2000	\$3,500
	O	C	250	College Park Mutual Water Company	4900667	001	Drill new well	2001	\$100,000
	O	C	241	OID-OAKDALE RURAL WATER SYSTEM #2, SIERR	5000445	001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
	O	C	240	Trailer Haven Mobilehome Park	0103041	001	New pump system for maximum water pressure and for the fire Dept. hook up in case of emergency	2003	\$50,000
	O	C	230	GREENBELT WATER COMPANY INC	4400598	002	Install control system and booster pump/pressure tank and connect to system.	2000	\$6,500
	O	C	225	MOTHER LODGE MOBILE ESTATES	5500125	003	Connect the water system to the Tuolumne Utilities District.	2003	\$300,000
	O	C	211	SUNSET BEACH MUTUAL WATER CO	4400599	001	Construct pipeline to City of Watsonville water supply.	1998	\$510,000
	O	C	210	OAK TRAIL ESTATES MUTUAL WATER	4200881	001	Drill and install new 100 HP pump and 12 inch well.	1998	\$125,000
	O	C	210	Kirkwood Meadows Pubic Utilit	0210002	004	Install main water lines from East Meadows III across Highway 88 and connect to KMA lines.	1999	\$100,000
	O	C	200	AHWAHNEE RESORTS MTN DIST #46	2000293	001	INSTALL TWO NEW WELLS AND A TELEMETRY SYSTEM.	1998	\$130,000
	O	C	200	BIG CREEK COMMUNITY SERV DIST	1000005	001	DRILL WELLS, ELECTRICAL TO PUMPS, PROVIDE PIPES, INSTALL DUAL SYSTEM (HOUSEHOLD AND AGRICULTURAL), INSTALL WATER MAINS. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	O	C	200	Waller Tract Water District	3301735	001	None listed.	1998	\$0
	O	C	200	LEISURE PINES MUTUAL WATER CO	5500053	001	INCREASE DEPTH OF EXISTING WELL FROM 325 FEET TO EITHER 600 FEET OR 1000 FEET DEPENDING ON ITS CAPACITY. INSTALL NEW PUMP, METER, AND WIRING.	1998	\$60,000
	O	C	200	BADGER HILL ESTATES	5400710	001	INCREASE STORAGE CAPACITY, INCREASE PUMPING CAPACITY AND DRILL NEW WELL.	1998	\$500,000
	O	C	200	CA CITIES WTR SISQUOC #1	4200560	001	Construct new 10,000 gallon reservoir.	1998	\$10,000
	O	C	200	CA CITIES WTR SISQUOC #1	4200560	002	Install automation and telemetry at the Siquoc plant.	1998	\$30,000
	O	C	200	ROUGH & READY MHP/ TIM BUFFINGTON	2900530	001	Construct new distribution system and well.	1999	\$75,000
	O	C	200	MODESTO MOBILEHOME PARK	5000066	001	Connect to City of Modesto	1999	\$220,000
	O	C	200	Rains Creek Water District	4900611	001	Install remote telemetry unit to monitor tank levels and chlorine conc.	1999	\$50,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	195	DE RANCHO Y MOBILE VILLA WATER	1500380	001		2002	\$50,000
	O	C	195	Gordon Acres (Stewart WC)	3600297	003	Replace 1800 feet of mainline	2002	\$50,000
	O	C	183	NORTH OAKS MUTUAL WATER CO	5000237	001	UPGRADE EXISTING 100 HP AG WELL	1998	\$65,000
	O	C	180	Apple Valley Village MH Est	3600400	001	Construct filtration system	1998	\$20,000
	O	C	180	Apple Valley Village MH Est	3600400	002	Consolidation with Apple Valley Ranchos	2002	\$100,000
	O	C	180	Apple Valley Village MH Est	3600400	003	Mainline replacement	2002	\$250,000
	O	C	172	RIVER ISLAND SERVICE TERR #1	5400665	001	INSTALL FILTRATION AND CHLORINATION SYSTEMS, 200,000 GAL. STORAGE TANK, 11,000 LF OF 8" C-900 PIPE AND CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$440,000
	O	C	166	STRUVE RD WS #2	2700772	002	Extend the main line from Pajaro/Sunny Mesa CSD to serve this water system	2001	\$200,000
	O	C	158	MORADA ESTATES PWS	3900722	001	CONSTRUCT PRESSURE TANK AND BOOSTER PUMP. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$300,000
	O	C	157	OID #52 - DEO GLORIA	5000355	001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
	O	C	150	Anza Pines Mobile Home Park	3301018	001	See attached	1998	\$58,878
	O	C	150	OID #22 - WILLIAMS TRACT	5000015	001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
	O	C	150	OID #22 - WILLIAMS TRACT	5000015	002	DRILL BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1999	\$125,000
	O	C	150	IVERSON & JACKS APARTMENTS WS	2701068	001	Install storage tanks.	2000	\$80,000
	O	C	150	HHW&P Moccasin Compound-SFPUC	3810003	001	Construct filtration facilities and appurtnaces.	2000	\$200,000
	O	C	150	El Crystal Mobile Home Park	4900788	001	Replace pipes and install meters	2001	\$50,000
	O	C	147	OID #41 - MOUNTAIN VIEW	5000016	001	INISTALL ELECTRICAL GENERATOR. REPLACE DISTRIBUTION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$155,000
	O	C	140	AVWC - FAIRVIEW WC/SCHATZ	1502670	001	Replace 2 Cla Val. 4" pressure reducing valves. Replace 1 mile of 4" PVC 40 w/ 4" C900. Add 15,000 gal. plus 2 10,000 gal. storage tanks. Add electrical control lines underground. Set up booster pump. Other - study/design/construction	1998	\$100,000
	O	C	140	BELLEVIEW OAKS MUTUAL WATER CO	5500042	001	INSTALL 5,800 FEET OF 6 INCH DIAMETER LINE FROM THE WELLS TO THE STORAGE TANKS.	1998	\$290,000
	O	C	140	BELLEVIEW OAKS MUTUAL WATER CO	5500042	002	REPAIR AND/OR REPLACE AGING STORAGE TANK AND INSTALL NEW 100,000 GALLON TANK.	1999	\$238,000
	O	C	140	BELLEVIEW OAKS MUTUAL WATER CO	5500042	003	DRILL A NEW WELL, INSTALL A PUMP, AND CONNECT IT TO THE SYSTEM.	1999	\$31,000
	O	C	140	BELLEVIEW OAKS MUTUAL WATER CO	5500042	004	INSTALL 5,200 FEET OF NEW LINE.	1999	\$260,000

Cat	SubCat	Class	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	140	SUNRISE MUTUAL WATER CO.	5400881 001	INSTALLATION OF A LARGER CAPACITY STORAGE UNIT AND LABOF SIZE MORE MODERN MAIN LINES AND IMPROVED SERVICE LINES	2000	\$185,000
	O	C	130	ARROYO CENTER WC	2701658 004	Install flowmeter with totalizer	2000	\$1,000
	O	C	130	Roseview Heights Mutual Water Company	4300562 001	Replace tanks and design a new system to turn on pumps when tanks need filling.	2003	\$200,000
	O	C	129	OID #45 - LOUIS MEYER	5000013 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
	O	C	126	RANCHO YNECITA MUTUAL WATER CO	4200837 001	Acid clean well and replace pump, motor etc.	1998	\$25,000
	O	C	126	VILLA CASA APTS WS	2701046 001	Install storage tanks	2000	\$100,000
	O	C	125	EMIGRANT GAP MUTUAL WATER CO.	3103310 001	Replace 820' of 4" steel pipe with 820' of 4" C-900 pipe and construct four new manifolds.	1998	\$8,000
	O	C	125	HAT CREEK WATER COMPANY	4500022 002	Install 40,000 plus gallon gravity storage tank with associated piping, controls and pump.	1999	\$47,500
	O	C	125	ESTERO MUTUAL	2100519 001	Replacement of storage tank.	2002	\$100,000
	O	C	122	MUSICK MEADOWS #1	1000060 001	POSSIBLE DEVELOPMENT OF ADDITIONAL SOURCE CAPACITY IN THE FUTURE.	1999	\$25,000
	O	C	120	California Water Co. - Coast Springs	2110007 001	Replace with new reservoir.	1998	\$100,000
	O	C	120	KINGS PARK APARTMENTS	1000295 001	CONNECT TO THE CITY OF SANGER.	1998	\$50,000
	O	C	120	AUBURN VALLEY COMMUNITY SERVICE DISTRICT	3100011 001	Add additional well(s), storage tank, pumphouse improvements and controls (system controls/alarms).	1998	\$325,000
	O	C	120	BOBCAT SPRINGS MUTUAL WATER CO	4200891 001	replace 3000 feet of 6 inch line.	1998	\$20,000
	O	C	120	SILVER WHEEL TRAILER PARK	5602116 001	Replace pipe lines and refurbish well.	2000	\$120,000
	O	C	110	DEL RIO EAST HOA WATER SYSTEM	5000099 001	THEY PROPOSE TO DRILL A NEW WELL. CITY OF MODESTO HAS PUBLIC WATER ABOUT 1000 TO 2000 FEET FROM THIS SYSTEM. THEY SHOULD CONNECT TO THE MODESTO DEL RIO SYSTEM.	1998	\$75,000
	O	C	109	MORADA MANOR WATER SYSTEM	3900523 001	REPLACE WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	108	LOMA MAR MUTUAL	4100512 003	Install new pumping station/	1998	\$60,000
	O	C	105	MORADA ACRES WATER SYSTEM	3900512 001	IMPROVE DISTRIBUTION SYSTEM WITH NEW, LARGER LINES. INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$250,000
	O	C	105	TICO MUTUAL WATER CO	5601122 004	Acquisition and installation of water meters	1998	\$50,000
	O	C	105	Spaulding/Eagle Lake MWC	1800534 002	Add loop. Construct new mains between existing mains.	2002	\$50,000
	O	C	100	KERN VALLEY MUTUAL WATER	1500252 001	Have new wel drilled ajoining current system. Other - Construction/other: drilling	1998	\$15,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	100	WALNUT ACRES	3901113	001	IMPROVE DISTRIBUTION SYSTEM AND INSTALL AUTO-TRANSFER SWITCH FOR AUXILIARY POWER UNIT. CONSOLIDATE WITH OTHER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$500,000
	O	C	100	WHITE ROCK LAKE RV PARK	1900975	001	REPLACE GALVANIZED PIPES TO PLASTIC PIPES.	1998	\$58,000
	O	C	100	BELMONT WATER CORPORATION	1000004	001	Deepen the existing well or drill a new well.	1998	\$30,000
	O	C	100	COUNTRY VIEW ALZHEIMER CENTER	1000430	001	CONSTRUCT A NEW WELL.	1998	\$20,000
	O	C	100	VILLAGE GREEN	4500194	001	Upgrade Chlorination process and distribution system.	1998	\$3,000
	O	C	100	SOULTS MUTUAL WATER COMPANY	5400805	001	REPLACE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	O	C	100	Shadow Mountain MHP	4700803	001	Replace old well pumps with new pumps.	1998	\$20,000
	O	C	100	SOULTS MUTUAL WATER COMPANY	5400805	002	DEEPEN WELL, RUN WATER CONNECTIONS THROUGH FRONT YARDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
	O	C	100	Sutter Co. WWD#1 (Robbins)	5100107	001	Installation of new distribution lines and housing services that are causing the problem.	1998	\$600,000
	O	C	100	ALTA SIERRA MUTUAL WATER CO.	1500209	001	Install new storage tank and distribution pipeline.	2002	\$258,000
	O	C	99	STUART WATER COMPANY	3700422	001	Hire licensed contractor after bidding process.	1998	\$50,000
	O	C	96	Golden Era Productions	3302054	001	Need 3 phase electricity to run pump rather than propane generator. Also need backup well rebuilt.	1998	\$37,500
	O	C	93	SAN MIGUEL WS #22	2702073	001	Install water meters.	1998	\$9,450
	O	C	93	SAN MIGUEL WS #22	2702073	002	Erect fencing for wells and storage tanks.	1998	\$21,302
	O	C	92	Willow Glenn Mobile H.P.	1100237	001	Construct system improvements to correct problem.	1999	\$50,000
	O	C	92	Evergreen Motel & Trailer Park	3200114	001	new submersible pump, filtration system, storage tank and pressure pump.	2003	\$30,000
	O	C	90	SPRING CREEK ESTATES PWS	3900927	001	CONSOLIDATE WITH CITY OF RIPON. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	90	SHADY LAKE WATER ASSOCIATION/PRESIDENT	2900511	001	Replace tanks	2001	\$50,000
	O	C	88	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336	002	Replace 4" diameter mains with 6" diameter.	2001	\$300,000
	O	C	87	WOODRIDGE MUTUAL WATER CO	4500235	001	New well and complete system to final usage.	1999	\$50,000
	O	C	85	Riebli Mutual Water Company	4900603	001	Replace chlorinators with UV.	1999	\$60,000
	O	C	85	MOUNTAIN SPRINGS WATER COMPANY	1500540	001	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	2001	\$75,000
	O	C	85	MOUNTAIN SPRINGS WATER COMPANY	1500540	003	Replace reservoir.	2001	\$5,000
	O	C	81	BANTA MUTUAL WATER CO #1	3900555	001	REPLACE DISTRIBUTION SYSTEM.	2001	\$0

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	80	WILLOW SPRINGS MOBILE HOME PARK	1500542	001	CONNECT TO THE CITY WATER SYSTEM	1998	\$50,000
	O	C	80	Timber Cove County Water District	4900584	001	Construct dike where creek banks washed out. Repair gravel to area scoured by storms.	1998	\$75,000
	O	C	80	Timber Cove County Water District	4900584	002	Install backflush system & repair pipes (flush lines for future silting).	1998	\$20,000
	O	C	78	Oak Haven Association	3301528	001	Replace Distribution System.	2004	\$75,000
	O	C	76	SUNNYSIDE ESTATES WATER SYSTEM	3900714	001	CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	75	Abrams Lake Mobile Estates	4700542	001	System replacement	1998	\$50,000
	O	C	75	BANTA MUTUAL WATER CO #5	3900557	001	Replace distribution system.	2001	\$0
	O	C	72	MCCOY RD WS #5	2701040	002	Install storage tanks	2000	\$80,000
	O	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023	003	Install water meters at each improved lot.	2000	\$17,000
	O	C	70	SEQUOIA CREST WATER CO.	5400701	003	REFINANCE LOANS	1998	\$90,000
	O	C	70	Cal Ore Trail Mobile Estates	4700546	001	System replacement.	1998	\$50,000
	O	C	70	North Lone Pine Water District	1400072	002	Design and construct a replacement backup well	2002	\$165,000
	O	C	69	CUCC - Fulton/Fair Oaks	3410145	001	Install wellhead treatment facilities to remove nitrate. Involves study, design and construction.	1998	\$2,250,000
	O	C	69	GARLEN COURT WS	2700686	002	Deepen existing well.	1999	\$35,000
	O	C	69	CUCC - Fulton/Fair Oaks	3410145	002	Install water mains to serve entire area, replace private wells, and improve (increase capacity) wells. Involves design and construction.	2000	\$4,200,000
	O	C	66	SANTA RITA WATER CO	4200822	001	Install meters at each service	1998	\$20,000
	O	C	66	SANTA RITA WATER CO	4200822	002	install individual user water meters	2000	\$20,000
	O	C	65	Hollydale Mutual Water Company	4900581	001	System can be connected with Russian River CWD and annexed to District. Various leaking steel lines with be replaced and hydrants installed. Abandon existing well.	1998	\$750,000
	O	C	65	BELLA VISTA MUTUAL WATER COMPANY	1502653	001	DRILL AND HOOK UP NEW WELL IMPROVED CHLORINATION SYSTEM INCREASE STORAGE. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
	O	C	60	ALMOND PARK WATER SYSTEM	3900517	001	RENOVATE WELL, REPLACE PUMP, AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	60	Hunter Valley CSD	0800557	001	Replace all of distribution lines with schedule 40 P.V.C. pipe	1998	\$75,000
	O	C	60	OASIS PROPERTY OWNERS ASSOCIATION	1500585	001	Drill new well and install storage tank	2000	\$250,000
	O	C	60	EL RIO MOBILE HOME PARK	3900569	001	DRILL WELL, INSTALL PUMP, MAINS AND PRESSURE SYSTEM	2000	\$40,000
	O	C	60	BISHOP ACRES MUTUAL WATER COMPANY	1500434	001	Install a 20,000 gallon storage tank and replace the bowls and any parts and labor that is needed.	2003	\$100,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	56	HODGE BROTHERS DAIRY	3700783	003	Sample analysis and various treatment options, and purchase and installation of treatment facility. Water treatment method and design new storage and piping facility.	1998	\$400,000
	O	C	56	JENSEN MHP	2702405	001	Update system?	2003	\$50,000
	O	C	55	Rolling Oaks Road Association	4900846	001	Descale and flush well casing. If this does not work, then drill new well.	1998	\$20,000
	O	C	54	PONDEROSA MOBILE HOME PARK	5500092	001	CONSTRUCT AN ADDITIONAL WELL.	1998	\$60,000
	O	C	54	WALKING M RANCHES ASSN.	4200804	001	Either new well in different location or new non metal distribution system and well pump.	1998	\$69,000
	O	C	54	Trinity Lake Forest	5301104	001	Drill an additional well and have additional storage facility.	2002	\$150,000
	O	C	52	ASOLEADO MWC	2702148	002	Excavate underground tanks and replace, repair distribution system	2001	\$200,000
	O	C	50	MINERAL MOUNTAIN MUTUAL WATER	0500019	003	CONSTRUCT SHED OVER WELL AND PUMP AND FENCE WELL SITE.	1998	\$700
	O	C	50	MINERAL MOUNTAIN MUTUAL WATER	0500019	004	INSTALL TELEMETRY TO LINK TANK WITH PUMP CONTROLS	1998	\$3,500
	O	C	50	MINERAL MOUNTAIN MUTUAL WATER	0500019	001	DRILL NEW WELL, INSTALL PUMP AND CONNECT TO SYSTEM	1998	\$12,500
	O	C	50	PAPPAS & CO (FARM HOUSING)	1009006	001	REPLACE THE DETERIORATED STORAGE TANK AND INSTALL AN AUTO DIALER.	1998	\$21,200
	O	C	50	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	5010040	001	NEW SURFACE WATER TREATMENT PLANT WOULD PROVIDE BACK-UP WATER SUPPLY. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000,000
	O	C	50	MEADOWBROOK OAKS	0400026	001	Fix system.	2000	\$0
	O	C	50	Loch Haven Mutual Water Company	4900575	001	Replace leaking tank and new tanks	2001	\$16,000
	O	C	47	Sierra Road Improvement Association, Inc	4300546	001	Replace 900 feet of 50 year old 4-inch steel pipe with plastic pipe.	2001	\$100,000
	O	C	45	CORRAL DE TIERRA WC	2700536	001	Abandon and close the auxiliary well.	1998	\$2,500
	O	C	44	SUNRISE MOBILEHOME PARK	4500104	001	Consolidate with Clear Creek C.S.D..	1999	\$100,000
	O	C	44	Summit View Ranch Mutual Water Co.	4900892	001	Add storage of 20 to 40,000 gals and associated plumbing linkage.	2000	\$50,000
	O	C	42	WINTERHAVEN MOBILE ESTATES	1900961	001	Remove and construct new reservoir.	2000	\$80,000
	O	C	42	BANTA MUTUAL WATER CO #2	3900556	001	REPLACE DISTRIBUTION SYSTEM.	2001	\$0
	O	C	40	GREGG WATER CO - HERZOG SYSTEM	3400130	002	Construct a new 250,000 gallon storage tank for emergency water supply. Involves design and construction.	1998	\$250,000
	O	C	40	GREGG WATER CO - HERZOG SYSTEM	3400130	001	Replace multiple systems with reliable potable water system; a new 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$180,000
	O	C	38	WOODFORDS MUTUAL WATER COMPANY	0202503	001	Pre-app for future unseen needs.	1998	\$0

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	37	OID #49 - GILBERT O.I.D. #49	5000092	001	INSTALL ELECTRICAL GENERATOR. INSTALL NEW HYDROPNEUMATIC TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$95,000
	O	C	37	Whispering Sands Mobilehome Estates	3301746	001	1) add pressure tanks existing well - also drill 2nd well, add pressure tanks. Tie 2 systems together - Back up well for more water existing well with more pressure	1999	\$20,000
	O	C	37	SOUTH KERN MUTUAL WATER COMPANY	1500344	001	Call S.A. Camp Pump Co. and have them fix it. OTHER - Design and Construction	2002	\$250,000
	O	C	36	Seymour's Mutual Water System	5301201	001	Install six 5,000 gallon water storage tanks.	1998	\$25,000
	O	C	35	FOURTH STREET WATER SYSTEM	1500449	001	Drill second well;reranked to O from E; system drilled second well	1998	\$113,000
	O	C	33	HRC C.S.D.	0800556	001	Build storage tank and install larger distribution line to replace old line. Provide fire hydrants.	1998	\$250,000
	O	C	31	NORTHWOODS MUTUAL WATER SYSTEM	0400003	003	Replace existing distribution system mains.	1998	\$10,000
	O	C	31	TILLIE CREEK KITTY WATER	1502280	001	NEW STORAGE TANKS AND FILTRATION SYSTEM	1998	\$20,000
	O	C	30	VASAVADA, R C	3901213	001	THEY ASK FOR TREATMENT; HOWEVER, CONNECTION WITH LARGE SYSTEM MUST BE EXPLORED FOR FEASIBILITY (PREFERRED). OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
	O	C	30	Blythe Mobile Home Estates	3301045	001	Install water meters. (System has one 4" well & 220 gal pressure tank to serving 23 connections. County reports that system is rent controlled and needs to present cost issues to the Rent Control Board for review.))	2002	\$12,000
	O	C	29	COUNTRY INN, THE	2800683	001	Install back well or additional storage and treatment for hard water.	1998	\$40,000
	O	C	26	SOUTH DESERT MUTUAL WATER COMPANY	1502619	001		1998	\$10,000
	O	C	25	PAPPAS & COMPANY (FARM HOUSING)	1009039	001	INSTALL NEW TURBIDITY AND CHLORINE ANALYZERS, AND AN AUTO DIALER. ENCLOSE THE PLANT.	1998	\$29,000
	O	C	25	CANNON PARK WATER CO.	2800632	003	Installed dedicated transmission line from the system well to the storage tank. Approximately 300 feet of four inch pipe.	2001	\$25,000
	O	C	25	FRUITVALE MOBILE HOME PARK	1500376	001		2003	\$25,000
	O	C	9	Clearwater Mutual Water Company	1700546	002	Install new clarifier and filter and larger storage tank.	2003	\$225,000
	O	C	0	Kern County Water Agency	1510040	001	INCREASE CAPACITY OF EXISTING PIPELINE BY REDUCING PUMPING HEAD.	1998	\$750,000
	O	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053	002	PROVIDE TWO CHLORINE SCRUBBERS	1998	\$200,000
	O	C	0	THREE VALLEYS MWD	1910041	001	INSTALL A REGIONAL NITRATE REMOVAL PLANT.	1998	\$5,000,000
	O	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045	003	PROVIDE CHLORINE SCRUBBERS TO 3 LOCATIONS.	1998	\$300,000
	O	C	0	UNITED WTR CONS DIST	5610046	002	Develop groundwater guardian program to promote well head protection by involving all affected parties including agriculture, urban interests and the public.	1998	\$50,000
	O	C	0	LOPEZ PROJECT	4010022	002	Study, develop an engineered solution to problem and construct same.	1999	\$150,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050	002	Replace the pipelines or install small diameter pipelines inside.	1999	\$20,000,000
	O	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053	001	EXPAND EXISTING PLANT OR INTERCONNECT WITH EXISTING NEARBY PLANT FOR INCREASED CAPACITY AND RELIABILITY. OTHER - DESIGN AND CONSTRUCTION	2000	\$7,300,000
	O	C	0	C M O PROPERTIES	0900655	001	would like to upgrade	2002	\$0
	O	P	5100	Mather Field Water System	3410706	006	Design and construct a 500,000 gallon storage tank and booster station.	1998	\$500,000
	O	P	5100	Mather Field Water System	3410706	003	Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000
	O	P	500	Field Sports Park/Mariposa Lodge/Coyote	4300937	001	Construct structure at well site and install meters to FSP and Mariposa.	1998	\$8,000
	O	P	500	CHATOM SCHOOL	5000101	001	REPLACE WATER TANK.	1998	\$195,000
	O	P	500	MEADOWS UNION SCHOOL	1300554	001	Replace with new water system, 10K. Storage with a minimum of 10GM.	2001	\$75,000
	O	P	500	COUNTY FAIRGROUNDS	4400725	001	replace aged water tanks, upgrade or replace two wells	2002	\$200,000
	O	P	425	Wright Elementary School	4900694	001	Connect	2005	\$400,000
	O	P	400	BITNEY SPRINGS LLC / SERRA CORPORATION	2900563	001	Replace two 10,000 gallon poly tanks, or construct new steel tank on site	2002	\$50,000
	O	P	350	PLANADA ELEMENTARY SCHOOL	2400066	001	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$50,000
	O	P	327	TEHACHAPI CHURCH OF THE NAZARENE	1502753	001	Interconnect to another public water system or provide adequate disinfection contact time.	2000	\$100,000
	O	P	300	ISLAND UNION SCHOOL	1600017	001	REPLACE UNADEQUATE POWER PANEL, DRILL NEW WELL, REPLACE EXISTING DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
	O	P	280	Geyserville Educational Park	4900705	001	Replace chlorinator	2003	\$60,000
	O	P	230	Richmond Elementary School	1800573	001	Improve minor system deficiencies.	1998	\$0
	O	P	200	SF YMCA - CAMP JONES GULCH	4100538	001	Drill a new well to increase the recovery time and volume of the system.	1998	\$20,000
	O	P	200	Pleasant Grove Elem. School	5100143	001	Repair and replace in-ground drinking water lines.	1998	\$5,000
	O	P	175	Marcum Illinois Elementary School	5100140	001	New pump and lines would correct problems and provide for increased use.	1999	\$7,000
	O	P	150	CRESSEY SCHOOL	2400097	001	CONSTRUCT A NEW DEEPER WELL.	1998	\$25,000
	O	P	134	Leggett Valley School	2300785	002	Rehab well, new well pump, new Fe & Mn treatment system	2001	\$25,000
	O	P	120	Nuestro School	5100142	001	Design and replace piping, fittings, and valves from the wellhead to storage tank to main outlet source.	1998	\$5,000
	O	P	120	Fouts Springs Youth Facility	0600041	002	Replace Pipeline	2003	\$450,000
	O	P	110	PLAINSBURG ELEMENTARY SCHOOL	2400065	001	DESIGN AND DRILL A NEW WELL.	1998	\$40,000
	O	P	100	HOLT UNION ESD-HOLT SCHOOL	3901374	001	TREATMENT TO BRING WATER INTO COMPLIANCE WITH SECONDARY STANDARDS	1998	\$100,000
	O	P	90	COLEVILLE HIGH SCHOOL	2600570	001	Construct new main for irrigation system	1998	\$80,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	P	90	MULBERRY UNION SCHOOL	1300556	001	We propose to analyze the water, and design a system to filter and purify it to meet standards.	1998	\$100,000
	O	P	70	TOT TOWN CHRISTIAN PRESCHOOL	1503256	001	CONSOLIDATE WITH CALIFORNIA WAER SERVICE	1998	\$10,000
	O	P	70	Saint Anthony's Farm	4900944	001	Separate the dairy tank from the potable system & install new Cl2 equipment	2003	\$2,500
	O	P	65	Quartz Valley School	4700847	001	Relocate old pressure tank and other components to location of new components, and possibly replace old pressure tank with new one.	1998	\$1,500
	O	P	60	Casterlin School	1200546	002	Install filtration with increased capacity.	1998	\$70,000
	O	P	50	MJUSD-South Fork Elementary School	2500514	001	Redesign and build wellhead to raise it above grade to reduce potential for contamination. Add water treatment to system to remove hard water and eliminate calcium deposits.	1998	\$21,895
	O	P	50	Hansen Roofing Tile	4810016	001	Purchase and installation of State approved point of entry water treatment devices for every business and 1 residence or purchase of water treatment capacity from City of Fairfield.	2000	\$300,000
	O	P	44	Kneeland School	1200817	001	Purchase a new pump.	1998	\$2,500
	O	P	40	Deep Springs College	1400068	004	Install new treatment system	1998	\$10,000
	O	P	40	ST. PAUL'S LUTHERAN DAY CARE	2400176	001	CONNECT TO THE CITY OF MERCED'S WATER SYSTEM.	1998	\$50,000
	O	P	40	Lake Perris SRA	3310302	002	Hire outside certified backflow repair and test contractor to repair, replace, and test.	1998	\$13,500
	O	P	40	HHW&P-Early Intake Cpd-SFPUC	3810006	001	Install membrane filtration system with appurtenent facilities.	1999	\$100,000
	O	P	32	MERCED ADVENTIST SCHOOL	2400148	001	CONNECT TO THE CITY OF MERCED WATER SYSTEM.	1998	\$50,000
	O	P	25	PETE JOHNSTON CHEVROLET	4000692	001	Replace tanks, replace well liner and install ozone system	1998	\$9,585
	O	P	25	SAN MATEO COUNTY MEMORIAL PARK	4100536	001	Construct new water main. Feasibility study to consolidate water systems.	1998	\$100,000
	O	P	25	CUYAMA LANE WATER COMPANY	4000598	001	Upgrade the entire water system & replace leaking hydrants	1998	\$100,000
	O	N	2926	NORTHGATE 880	3400173	001	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$500,000
	O	N	2926	NORTHGATE 880	3400173	002	Construct a new 1,200 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	005	Install overflows, clean and inspect storage facilities	1998	\$168,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	001	Install safety devices	1998	\$20,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	010	Remediate standby equipment	1998	\$20,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	002	Install assemblies and meters	1998	\$40,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	008	Installation of backflow devices	1998	\$33,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	N	2200	Inland Valley Development Agency-Norton	3610704	011	Construct mainline, inspect and repair storage facilities	1998	\$300,000
	O	N	2200	Inland Valley Development Agency-Norton	3610704	003	Locate service laterals and install backflow devices to protect system	1998	\$148,000
	O	N	462	KERN VALLEY AIRPORT	1502327	001	CONNECT TO KERN RIVER VALLEY WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1998	\$141,750
	O	N	450	Lighthouse Marina Complex	3410035	001	Install new filter, new lines and new tanks.	1998	\$45,000
	O	N	350	KERN CO P&R-TEHACHAPI MT PARK WATER	1502325	001	REPLACE BOTH TANKS	1998	\$120,000
	O	N	350	DILLARD ELEMENTARY SCHOOL	3400254	001	Replace and streamline plumbing. Replace backflow prevention device.	1998	\$12,500
	O	N	350	Caltrans-Hillcrest SRRA	4500283	001	Install commercial filtration system.	1998	\$20,000
	O	N	300	HUNTINGTON PINES MUTUAL	1000051	001	DRILL SECOND WELL FOR BACK-UP. DISCONNECT WELLS TO DISTRIBUTION SYSTEM AND CONNECT THEM TO THE STORAGE TANK	1998	\$35,000
	O	N	250	De Benneville Pines Inc	3600534	002	Refinance reservoir repairs	1998	\$15,000
	O	N	250	BERKELEY CAMP	5500136	001	INSTALL AUTOMATED BACKWASH SYSTEM, PLANT SHUTDOWN AND ALARM SYSTEMS.	1998	\$41,000
	O	N	250	Old Baldy Council BSA	3600589	001	Construct new reservoir	1999	\$150,000
	O	N	250	KERN VALLEY MOOSE LODGE #498	1502429	001		2002	\$26,000
	O	N	250	De Benneville Pines Inc	3600534	003	Drill a replacement well	2003	\$30,000
	O	N	225	BSA-Camp Fleischman W.S.	3200076	001	Replace water transport line and storage tank.	2003	\$250,000
	O	N	215	Barstow Calico KOA	3600409	001	Construct new well	1998	\$10,000
	O	N	200	CAMP CONDOR	1502307	001	An old well and pump existed many years ago on the property. West Side Recreation and Parks District would like to update the pump, well, and run a new water line to the existing tank.	2003	\$85,000
	O	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058	002	CONSRUCT A 80,000 GALLON STORAGE TANK.	2000	\$60,000
	O	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058	003	INSTALL A SEPARATE INLET PIPE FROM THE WELLS TO THE STORAGE TANKS.	2001	\$50,000
	O	N	160	CAMP SEQUOIA/GAINES WATER SYS	1000130	001	Drill new well and tie it in to existing system.	2003	\$20,000
	O	N	125	BIG ROCK CREEK CAMP	1900008	001	FUNDS WOULD BE USED TO MAKE SYSTEM OPERATIONAL.	1998	\$450,000
	O	N	118	LAKE MORENA TRAILER RESORT	3701760	001	Would like to be on list.	1998	\$0
	O	N	100	Conservation Endowment Fund	5601306	001	Upgrade (new) pipe, possible filter treatment system	1998	\$15,000
	O	N	100	Joseph Grant County Park	4300737	001	Install water meters in system.	1998	\$3,500
	O	N	100	GIBSON RANCH COUNTY PARK	3400297	001	Upgrade wells' double check valves, install new backflow preventers, and replace chlorine gas treatment to liquid Hypochlorite treatment.	1998	\$25,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	N	100	FCPR/KEARNEY PARK	1000094	001	INSTALL A CHLORINATION SYSTEM AND A 10,000 GALLON PRESSURE TANK.	1999	\$45,000
	O	N	80	Golden Valley Camp	0300667	001	DRILL NEW WELL	1998	\$10,000
	O	N	50	HOGBACK ISLAND FISHIND ACCESS	3400299	001	Construct new chlorine treatment unit.	1998	\$10,000
	O	N	50	TURTLE ROCK COUNTY PARK	0202519	001	Design and install a new 15,000 gallon steel tank meeting current AWWA standards.	1998	\$24,000
	O	N	50	ELKHORN BOAT LAUNCHING	3400123	001	Replace existing chlorination system.	1998	\$5,000
	O	N	40	EL RANCHO MOTEL	5400692	001	Connection to City water	2000	\$70,000
	O	N	30	Snow Summit Ski Corp	3600707	001	Design and construct new facilities	1999	\$300,000
	O	N	26	WOODWARD RESERVOIR WATER SYSTEM	5000165	001	REPLACE WELL PUMP AND ELECTRICLA COMPONENTS. REPLACE/IMPROVE CHLORINATION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$35,000
	O	N	26	FRANK RAINES PARK	5000243	001	NEED ELECTRICITY TO ALTERNATE WELL SITE. INSTALL PUMP, FILTRATION, PIPING AND OTHER ELECTRICAL. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	N	26	LA GRANGE PARK	5000239	001	REPAIR OR REPLACE SECONDARY SUBMERSIBLE PUMP. INCREASE STORAGE CAPACITY, REPLACE ELECTRICAL SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$25,000
	O	N	26	BASSO BRIDGE FISHING/BOATING ACCESS	5000395	001	INSTALL LARGER PUMP, ADDITIONAL STORAGE AND PRESSURE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$45,000
	O	N	25	Covington Mill - A	5301103	004	Cut a new shelf around 200 to 300 feet using backhoe or small cat. Clean out headgate. Put in new 6-inch PVC pipe	1998	\$12,000
	O	N	25	Holmes Ice & Cold Storage	3601041	001	Construct new reservoir and well piping	1998	\$50,000
	O	N	25	MODESTO RESERVOIR	5000164	001	RE-DEVELOP OR RELOCATE WELL AND INSTALL FILTERING SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1998	\$35,000
	O	N	25	EOC Well - Palm Springs	3301557	001	Necessity to correct fractures to well system caused by natural disaster	1998	\$40,000
	O	N	25	Covington Mill - A	5301103	001	Replace existing tank with a 53,500 gallon steel water tank.	1998	\$40,000
	O	N	25	DECKER CANYON YOUTH CAMP	1900831	001	INSTALL AN ADDITION TANK (15,000 GAL)	1998	\$34,000
	O	N	25	Uvas Canyon County Park	4300616	002	Install water meters in system.	1998	\$3,500
	O	N	25	Mt. Madonna County Park	4300612	001	Install two water meters at wells.	1998	\$3,500
	O	N	25	Sawyers Bar County Water District	4700517	001	Rebuild intake.	1999	\$10,000
	O	N	25	Country Corners	3301946	001	Update system.	1999	\$10,000
	O	N	25	HHW&P-O'Shaughnessy Dam Cpd-SFPUC	3810005	001	Filtration system with appurtenent facilities.	1999	\$100,000
	O	N	25	Covington Mill - A	5301103	003	Design and install a water meter on each service connection.	2000	\$20,000
	O	N	25	Kentucky Mine and Museum	4600093	001	Design and improve spring at portal, reconstruct distribution apparatus, construct new distribution line, install tank liner.	2003	\$115,000
	O	N	24	CROWLEY LAKE CAMPLAND	2600503	001	Construct new 120k gal tank, improve well production	1999	\$110,000

Cat	SubCat	Class	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	S	54	ALEGRIA DOMESTIC MUTUAL WATER	4200731	001	Drill new well for potential build out of system.	1998	\$100,000
	O	S	24	Oasis Ranch	2400194	001	CONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$75,000
	O	S	1	Cabin Owners Assoc. Water System	2701824	001	Drill new well or design/install water treatment system.	2000	\$30,000
	O	S	0	JAMESBURG MWS	2702253	001	Replace concrete tank with new steel tank (20,000 gallons)	2000	\$10,000
	O	S	0	FOOTHILL WA	2702135	001	Replace aged redwood tanks with new steel tanks (5000 gallons each)	2000	\$10,000

Total of project(s) in Bond Law Category E = 2907 projects

Total Cost for Projects in Category E : \$6,444,479,713

Total of projects in Bond Law Project Priority List = 3755 projects

Grand Total: \$7,901,058,274